


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input type="checkbox"/>				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Cane Creek 36-1-25-18				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR FIDELITY E&P COMPANY						7. OPERATOR PHONE 720 931-6459				
8. ADDRESS OF OPERATOR 1700 Lincoln Street Ste 2800, Denver, CO, 80203						9. OPERATOR E-MAIL Robert.Sencenbaugh@fidelityepco.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-52094			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>				
20. LOCATION OF WELL	FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE	1113 FSL 1108 FEL		SESE	36	25.0 S	18.0 E	S			
Top of Uppermost Producing Zone	1559 FSL 1547 FEL		NESE	36	25.0 S	18.0 E	S			
At Total Depth	752 FNL 781 FWL		NWNW	36	25.0 S	18.0 E	S			
21. COUNTY GRAND			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1108		23. NUMBER OF ACRES IN DRILLING UNIT 640					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 10560		26. PROPOSED DEPTH MD: 11988 TVD: 7638					
27. ELEVATION - GROUND LEVEL 5557			28. BOND NUMBER 190017646/104891324		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Municipal					
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	26	20								
Surf	17.5	13.375	0 - 750	54.5	J-55 ST&C	0.0	35/65 Poz	200	2.07	12.3
							Class G	200	1.47	14.2
Prod	8.5	7	0 - 4350	29.0	P-110 Other	16.5	Class G	350	1.26	16.8
			4350 - 7816	32.0	HCP-110 LT&C	16.5	Class G	900	1.2	15.5
			7816 - 11988	29.0	P-110 Other	16.5	None			
I1	12.25	9.625	0 - 4443	47.0	HCP-110 LT&C	0.0	35/65 Poz	400	2.08	12.3
							50/50 Poz	300	1.43	13.5
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Joy Gardner				TITLE Sr. Engineering Tech			PHONE 720 956-5763			
SIGNATURE				DATE 10/09/2013			EMAIL joy.gardner@fidelityepco.com			
API NUMBER ASSIGNED 43019500380000				APPROVAL  Permit Manager						

Fidelity Exploration & Production Company Eight Point Plan

CANE CREEK 36-1-25-18
SEC 36 / T25S / R18E, SESE, 1,113' FSL & 1,108' FEL
GRAND COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Sub-Sea (ft)	Lithology	Objective
Windgate Sand	314'	+5392	Sandstone	
Chinle	649'	+4931'	Sand/Shale	
Moenkopi	1014'	+4566'	Sand/Shale	
Cutler	1582'	+3998'	Sandstone	
Honaker Trail	3008'	+2572'	Sand/Evaporite	
Paradox	4093'	+1487'	Salt/Clastics	Secondary
Cane Creek Shale	7404'	-1824'	Shale	Primary
T.D.	7638'	-2058'		

Estimated TD: 7,638'TVD/11,988' MD

Anticipated BHP: ±6,500 Psig

1. Lost circulation in all intervals.
2. Cement isolation is installed to surface of the well isolating all zones by cement and casing.

3. PRESSURE CONTROL EQUIPMENT:Intermediate & Production Hole – 10M
BOP schematic diagrams attached.**4. CASING PROGRAM:**

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Collapse (psi) a	Burst (psi) b	Tensile (1K lbs) c
Conductor	26"	0 – 100'	20"						
Surface	17 1/2"	0' – 750'	13 3/8"	54.5#	J-55	STC/BTC	1130/2.1	2730/3.0	547/2.5
Intermediate	12 1/4"	0 – 4,443'	9-5/8"	47.0#	HCP-110	BTC	7,100/1.5	9,440/1.2	1213/2.1
Production	8-1/2"	0 – 4,350'	7"	29#	P-110	BTC	8,530/1.9	11,220/1.25	955/2.1
Production	8-1/2"	4,350' – 7,816'	7"	32#	HCP-110	BTC	11,890/1.9	12,460/1.25	897/2.1
Production	8-1/2"	7,816' - 11,988'	7"	29#	P-110	BTC	8,530/1.9	11,220/1.25	955/2.1

Surface based on full evacuation: a=9.0 ppg fluid on backside, b=9.0 ppg inside, & c=9.0 ppf fluid + 100K overpull.

Intermediate based on full evacuation: a=9.0 ppg fluid on backside, b=9.0 ppg inside, & c=9.0 ppf fluid + 100K overpull.

Production based on full evacuation: a=16.5 ppg fluid on backside/1.25 psi/ft gradient w/ 0.375 inside X 1.9 for salt intervals, b=16.5 ppg inside, & c=16.5 ppf fluid + 100K overpull

Fidelity Exploration & Production Company Eight Point Plan**CANE CREEK 36-1-25-18****SEC 36 / T25S / R18E, SESE, 1,113' FSL & 1,108' FEL****GRAND COUNTY, UTAH****All casing will be new or inspected.****5. Float Equipment:****Surface Hole Procedure (0' - 750'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 3rd joint to surface. (8 total)**Intermediate Hole Procedure (0' - 4,443±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 3rd joint to surface. (38 total)**Production Hole Procedure (0' - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint. Two centralizers on the shoe joint, then every joint into the 7" casing from shoe joint to 4,200'. (±199 total)

6. MUD PROGRAM

Interval	Mud Type	Mud Wt.	PV / YP	OWR
0' - 750'	Air Mist	---	---	---
750' - 4,443'	Air Mist/Aerated Water	---	---	---
4,443' - TD	Oil Based Mud	13.5-16.5 ppg	22-32 / 12-22	+/-90:10

Production Hole Procedure (4,335' - TD): Anticipated mud weight 13.5 – 16.5 ppg depending on actual wellbore conditions encountered while drilling.

An oil based mud (OBM) system will be used to prevent fluid interaction with the salts and shales. LCM sweeps, pills, etc., will be used to prevent fluid loss. Adequate amounts of weighting material will be on hand as needed for well control.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- Fidelity E&P. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- Fidelity E&P requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.

Fidelity Exploration & Production Company Eight Point Plan

CANE CREEK 36-1-25-18
SEC 36 / T2S / R18E, SESE, 1,113' FSL & 1,108' FEL
GRAND COUNTY, UTAH

- Fidelity E&P requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- Fidelity E&P requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- Fidelity E&P requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Mud Logs: Mud log from 750' to TD.

Open-hole Logs: Quad-Combo, (Dipole Sonic), ECS, FMI, OBMI*

*depending on hole conditions

9. CEMENT PROGRAM:**Surface Hole Procedure (Surface – 750'±):**

Lead: 200 sks 35:65 Poz cement + 0.04 pps Static Free + 0.5% bwoc KCL + 0.25 pps LCM + 2 pps Kol-Seal (LCM) + 0.5% bwoc Na Metasilicate + 0.5 gps FP-13L + 6% bwoc gel + 11.36 gps of water. Yield = 2.07 ft³/sk @ 12.30 ppg

Tail: 200 sks Class "G" cement + 0.04 pps Static Free + 1% bwoc CaCl + 0.25 pps LCM + 0.5 gps FP-13L + 7.35 gps water. Yield = 1.47 ft³/sk @ 14.20 ppg

Top Out: As necessary with Class "G" cement with 2% CaCl₂, 1/4#/sk LCM mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface plus excess.

Intermediate Hole Procedure (Surface – 4,443'±):

Lead: 400 sks 35:65 Poz cement + 0.04 pps Static Free + 0.25 pps LCM + 0.4% bwoc FL-63 + 0.2% CD32 + 0.2% BA-59 + 0.5 gps FP-13L + 2% bwoc gel + 11.56 gps of water. Yield = 2.08 ft³/sk @ 12.30 ppg

Tail: 300 sks 50:50 Poz cement + 0.04 pps Static Free + 0.25 pps LCM + 0.2% bwoc CD-32 + 0.2% bwoc BS-59 + 0.5 gps FP-13L + 6.97 gps water. Yield = 1.43 ft³/sk @ 13.5 ppg

Top Out: As necessary with Class "G" cement with 2% CaCl₂, 1/4#/sk LCM mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface plus excess.

Production Hole Procedure (4,443 – 11,988'±):

Lead: 350 sks Class G cement + 0.11 pps LCM fiber + 0.5% retarder + 3% bwoc CaCl + 20% bwoc Barite. Yield = 1.26 @ 16.80 ppg.

Fidelity Exploration & Production Company Eight Point Plan

CANE CREEK 36-1-25-18

SEC 36 / T25S / R18E, SESE, 1,113' FSL & 1,108' FEL

GRAND COUNTY, UTAH

Tail: 900 sks Class G cement + 0.1 pps fiber + 0.2% R3 + 0.04 pps Static Free + 0.5% bwoc KCL + 0.25 pps LCM + 2 pps Kol-Seal (LCM) + 0.2% bwoc CD-32 + 0.5 gps FP-13L + 30% bwoc Barite + 6% bwoc gel + 5.39 gps of water. Yield = 1.20 ft³/sk @ 15.50 ppg.

Note: Cement volumes will be calculated to bring lead cement to $\pm 300'$ above 9-5/8" intermediate shoe plus excess.

Note: The above number of sacks is based on gauge-hole calculation. Final Cement volumes will be based upon actual depth, gauge-hole plus 30% excess and depth of hydrocarbon show. Actual weights will depend on well conditions. Specific additives will vary by vendor.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface – 750'±):

None

Intermediate & Production Hole (750'± - TD):

Lost circulation zones and over pressure in the production zone.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

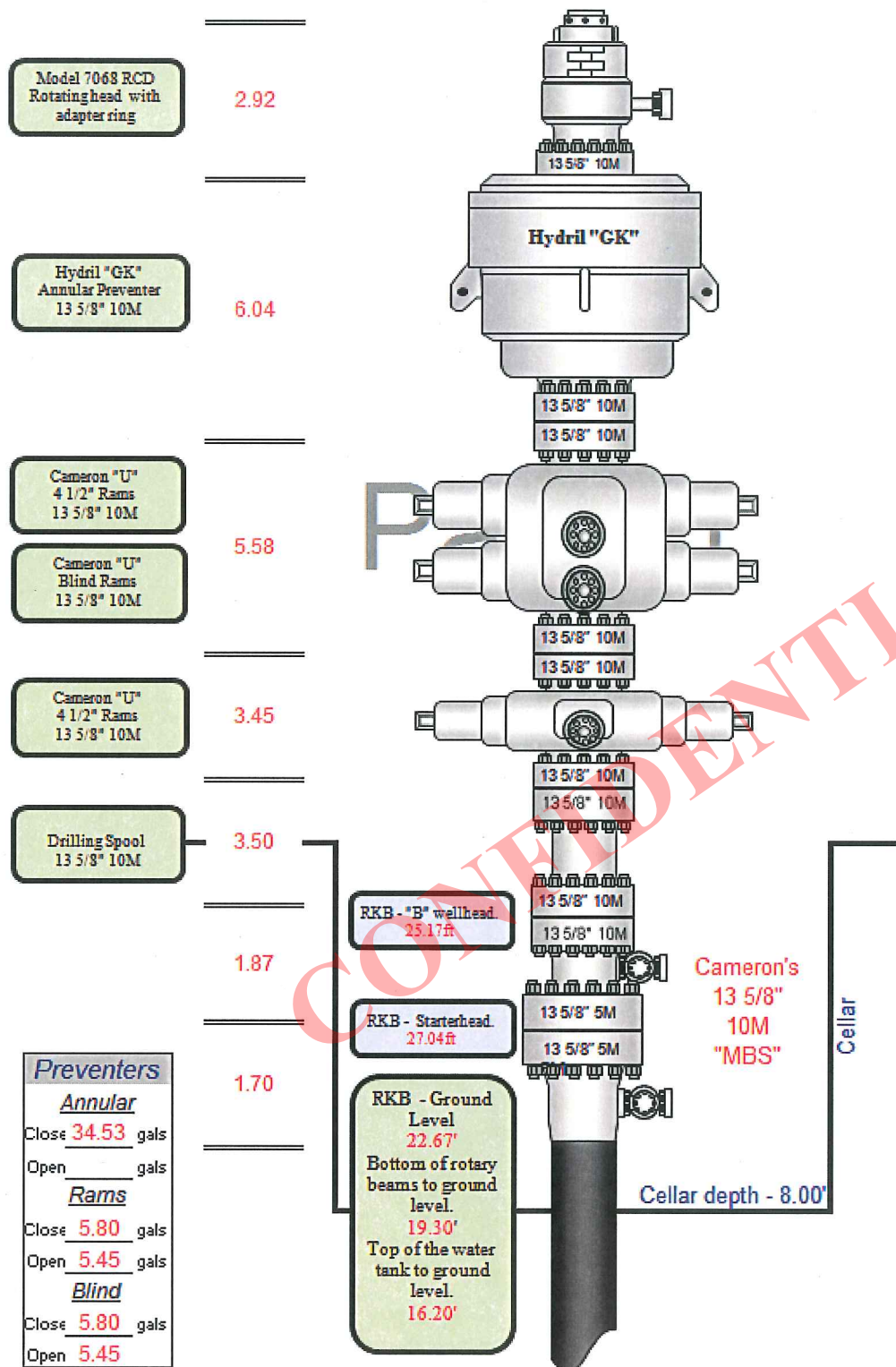
12. HAZARDOUS CHEMICALS:

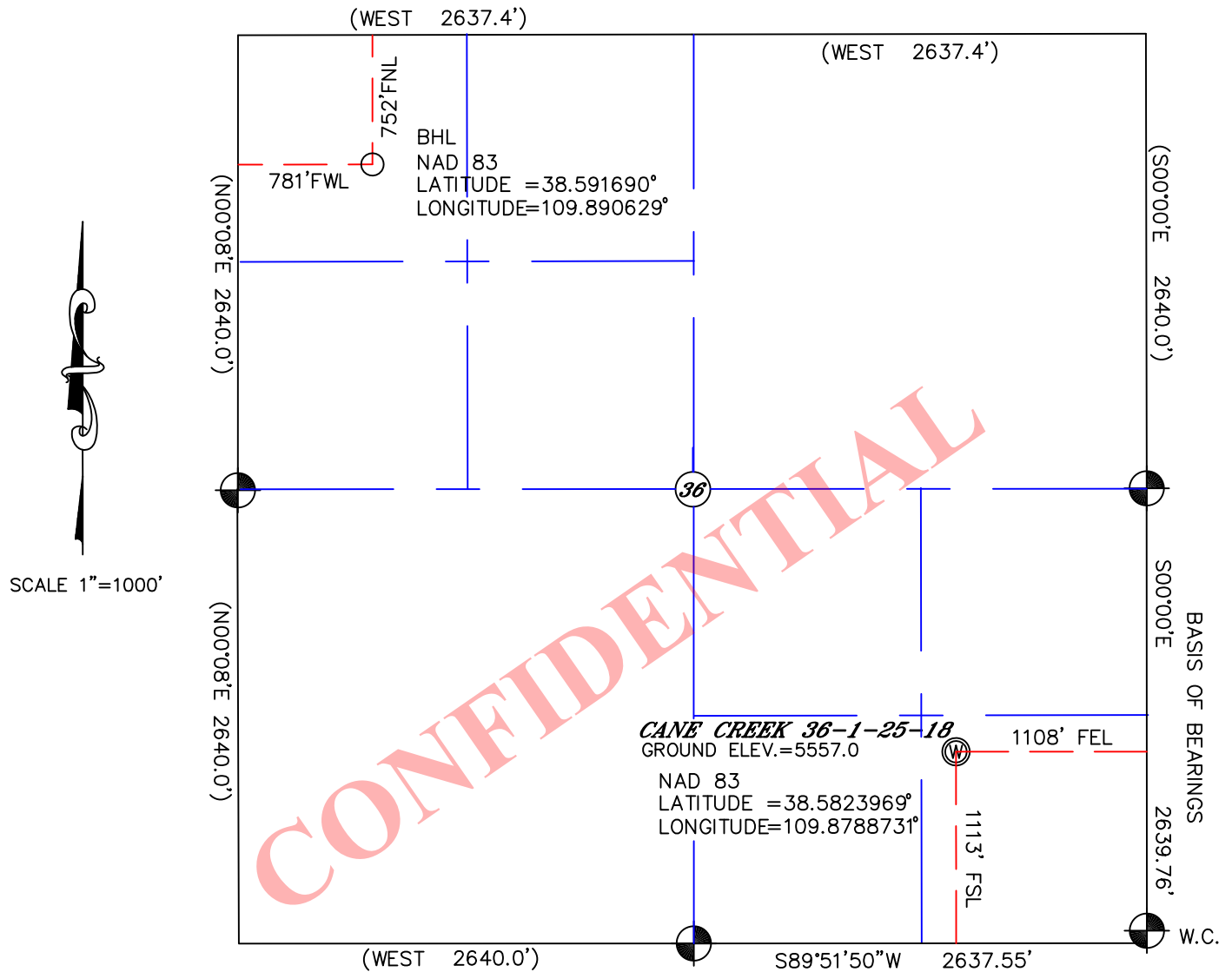
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

Fidelity Exploration & Production Company Eight Point Plan

CANE CREEK 36-1-25-18
SEC 36 / T25S / R18E, SESE, 1,113' FSL & 1,108' FEL
GRAND COUNTY, UTAH



SECTION 36, T 25 S, R 18 E, SLM

NOTES: DATA IN PARENTHESIS IS OF RECORD. ALL OTHER
DATA IS SURVEYED DATA.

ELEVATIONS ARE BASED ON A G.P.S. 2 HOUR OPUS OBSERVATION.

LEGEND

FOUND GOVERNMENT MONUMENT

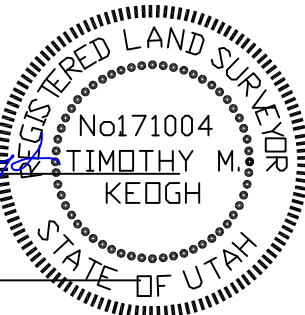


SET T-POST WITH LATH AT PROPOSED
WELL LOCATION

Timothy M. Keogh
TIMOTHY M. KEOGH

9-20-13

DATE

***KEOGH LAND SURVEYING***

45 EAST CENTER STREET

MOAB, UTAH, 84532

A SURVEY OF
CANE CREEK
36-1-25-18

WITHIN SECTION 36, T 25 S, R 18 E, SLM,
GRAND COUNTY, UTAH

PREPARED FOR

FIDELITY EXPLORATION & PRODUCTION CO.

DATE: 9-20-13

DRAWN BY: TMK

CHECKED BY: TMK

SCALE: 1"=1000'

F.B.# TDC1

CCU STATE36-1.DWG

RECEIVED: October 09, 2013

FIDELITY EXPLORATION & PRODUCTION CO.
CANE CREEK 36-1-25-18

WITHIN SECTION 36, T 25 S, R 18 E, SLM, GRAND COUNTY, UTAH



PHOTO: CENTER-NORTH

CAMERA ANGLE: SITE SOUTH



PHOTO: CENTER-EAST

CAMERA ANGLE: SITE WEST

FIDELITY EXPLORATION & PRODUCTION CO.
CANE CREEK 36-1-25-18

WITHIN SECTION 36, T 25 S, R 18 E, SLM, GRAND COUNTY, UTAH

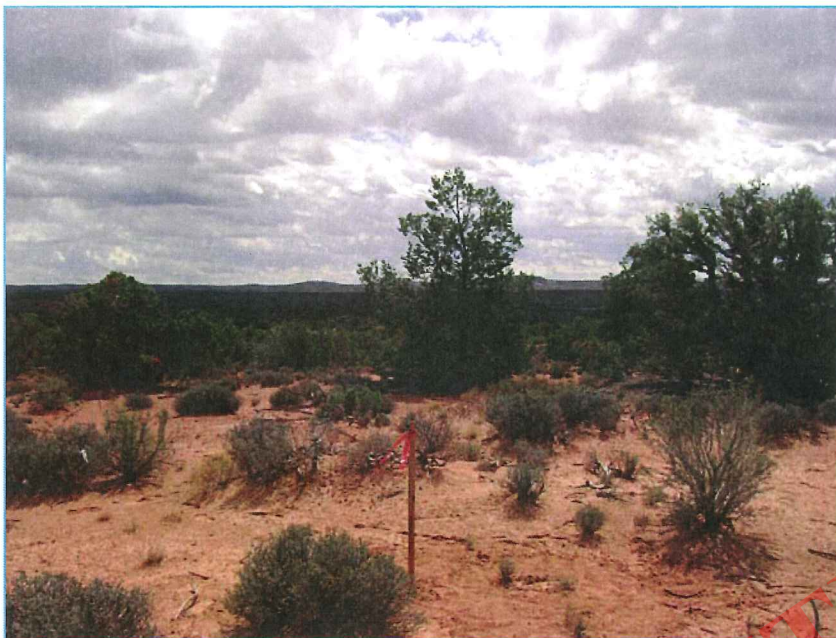


PHOTO: CENTER—SOUTH

CAMERA ANGLE: SITE NORTH



PHOTO: CENTER—WEST

CAMERA ANGLE: SITE EAST

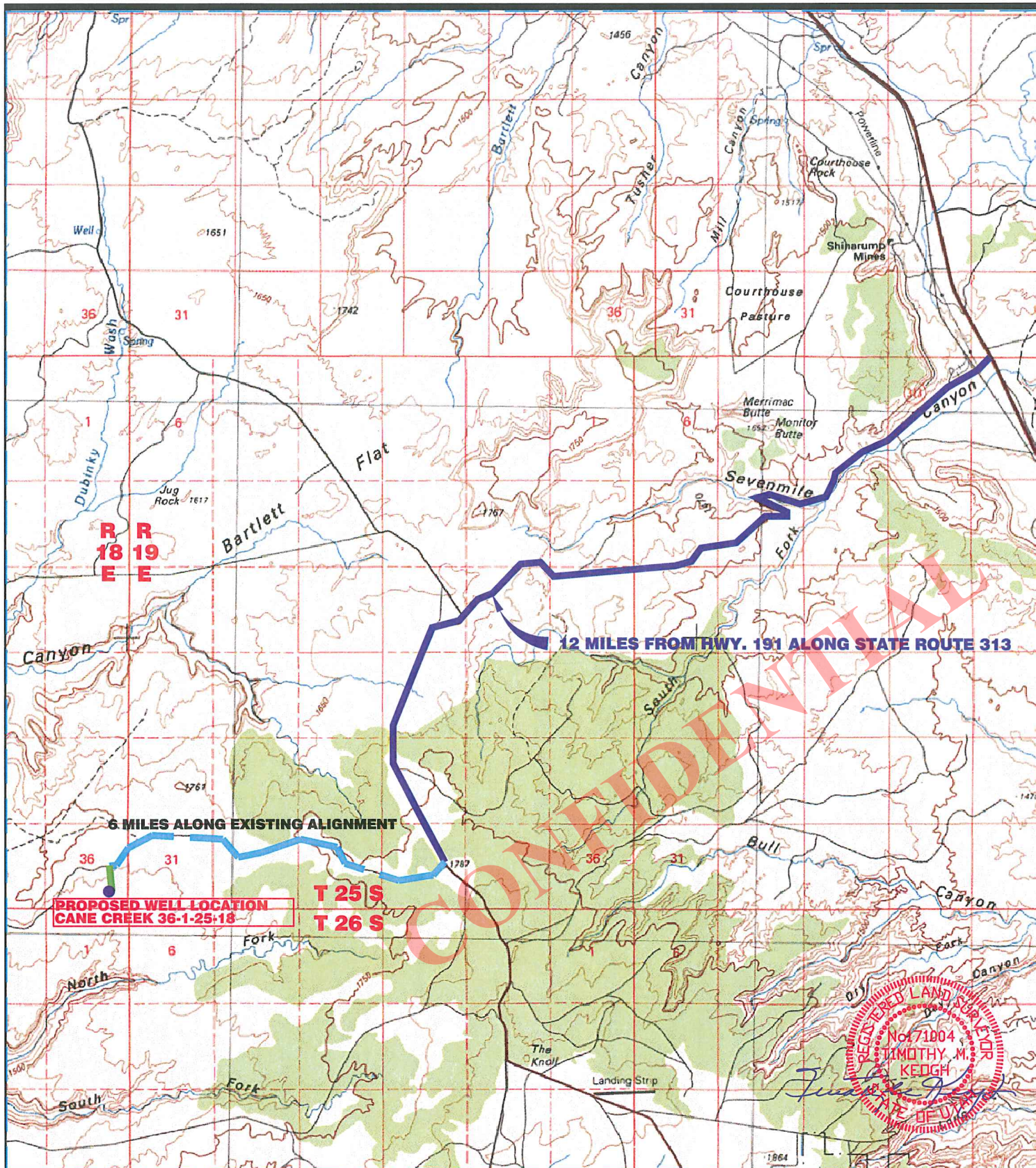
KEOGH LAND SURVEYING

45 EAST CENTER STREET

MOAB, UTAH, 84532

LOCATION PHOTOS

TAKEN BY: SGARNER | DATE: 9-20-13 | SURVEYED 9-17-13



LEGEND

- PROPOSED WELL
- PROPOSED ACCESS TO SUBJECT WELL
- ROAD TO OTHER WELLS
- EXISTING ROAD TO BE IMPROVED
- EXISTING ROAD

TOPOGRAPHIC MAP "A"

DATE: 9-20-13

SCALE: 1:100000

SURVEYED 9-17-13

DRAWN BY: TMK

REVISED:

FIDELITY EXPLORATION & PRODUCTION CO.

PROPOSED ACCESS TO

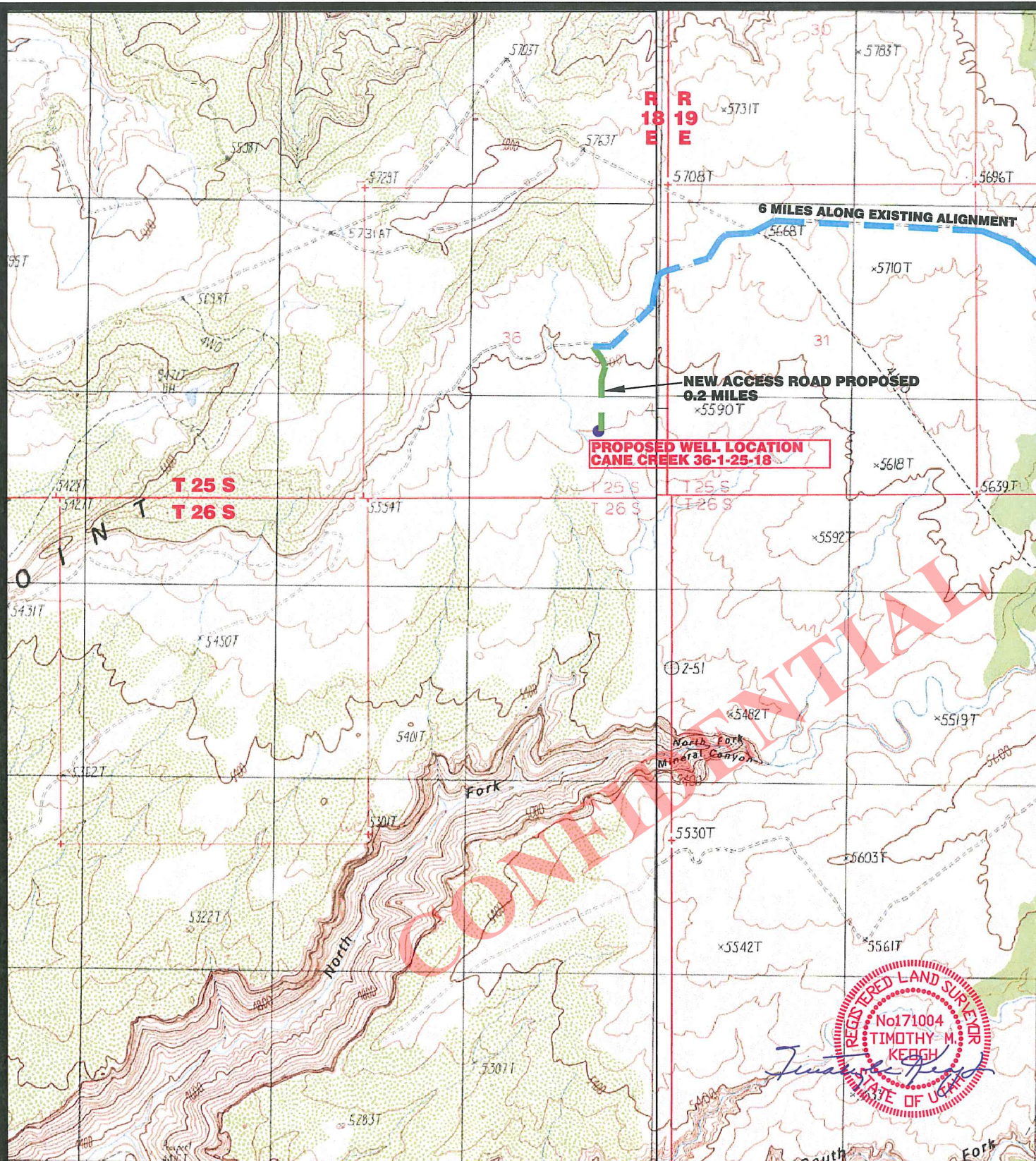
CANE CREEK 36-1-25-18

WITHIN SECTION 36, T 25 S, R 18 E, SLM, GRAND COUNTY, UTAH

KEOGH LAND SURVEYING

45 EAST CENTER STREET

MOAB, UTAH, 84532



LEGEND

- PROPOSED WELL
- PROPOSED ACCESS TO SUBJECT WELL
- ROAD TO OTHER WELLS
- EXISTING ROAD TO BE IMPROVED

TOPOGRAPHIC MAP "B"

DATE: 9-20-13

SCALE: 1"=2000'

DRAWN BY: TMK

REVISED:

SURVEYED 9-17-32

FIDELITY EXPLORATION & PRODUCTION CO.

PROPOSED ACCESS TO

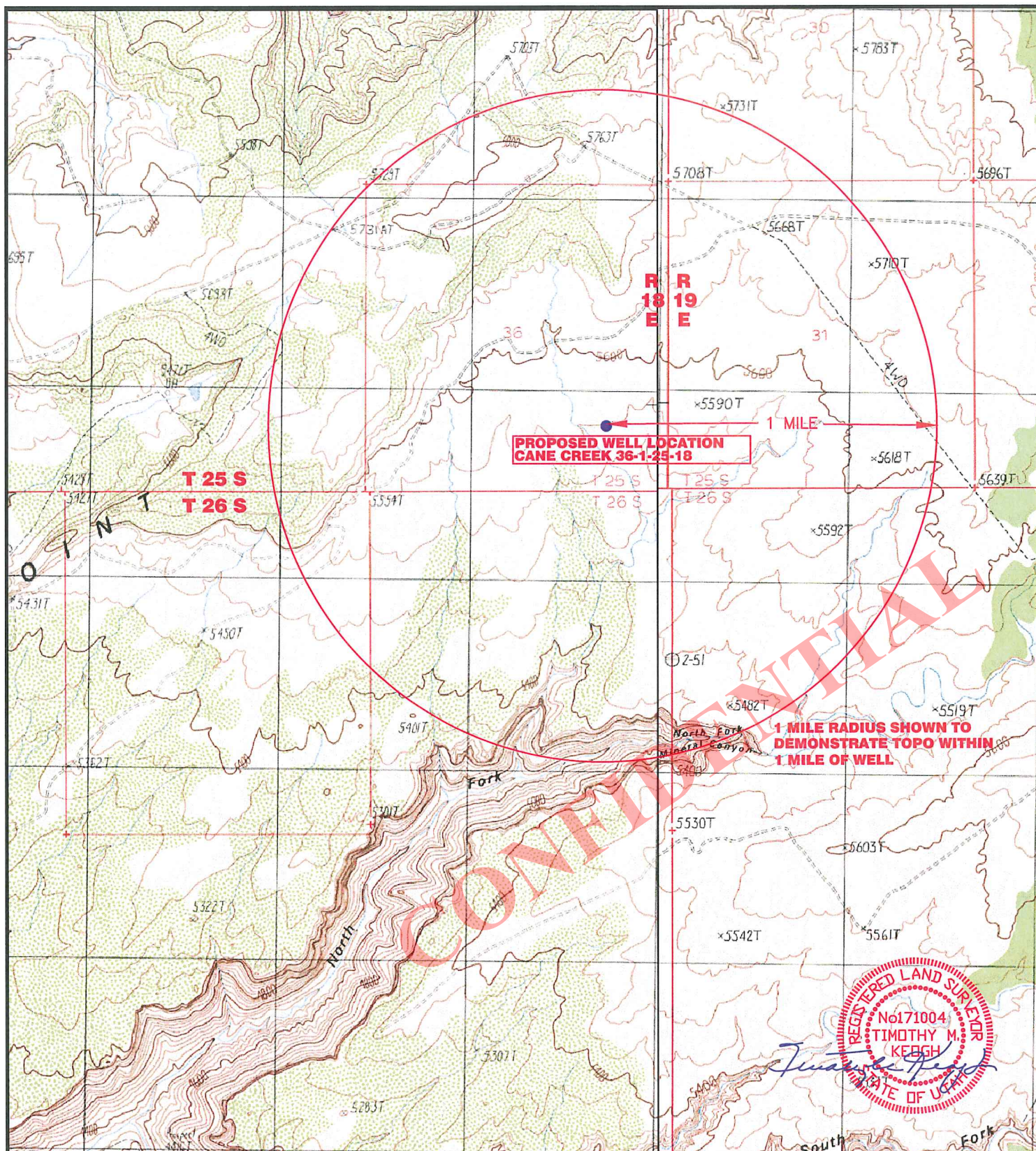
CANE CREEK 36-1-25-18

WITHIN SECTION 36, T 25 S, R 18 E, SLM, GRAND COUNTY, UTAH

KEOGH LAND SURVEYING

45 EAST CENTER STREET

MOAB, UTAH, 84532



LEGEND

- PROPOSED WELL
- PROPOSED ACCESS TO SUBJECT WELL
- ROAD TO OTHER WELLS
- EXISTING ROAD TO BE IMPROVED

TOPOGRAPHIC MAP "C"

DATE: 9-20-13

SCALE: 1"=2000'

DRAWN BY: TMK

REVISED:

SURVEYED 9-17-32

FIDELITY EXPLORATION & PRODUCTION CO.

PROPOSED ACCESS TO

CANE CREEK 36-1-25-18

WITHIN SECTION 36, T 25 S, R 18 E, SLM, GRAND COUNTY, UTAH

KEOGH LAND SURVEYING

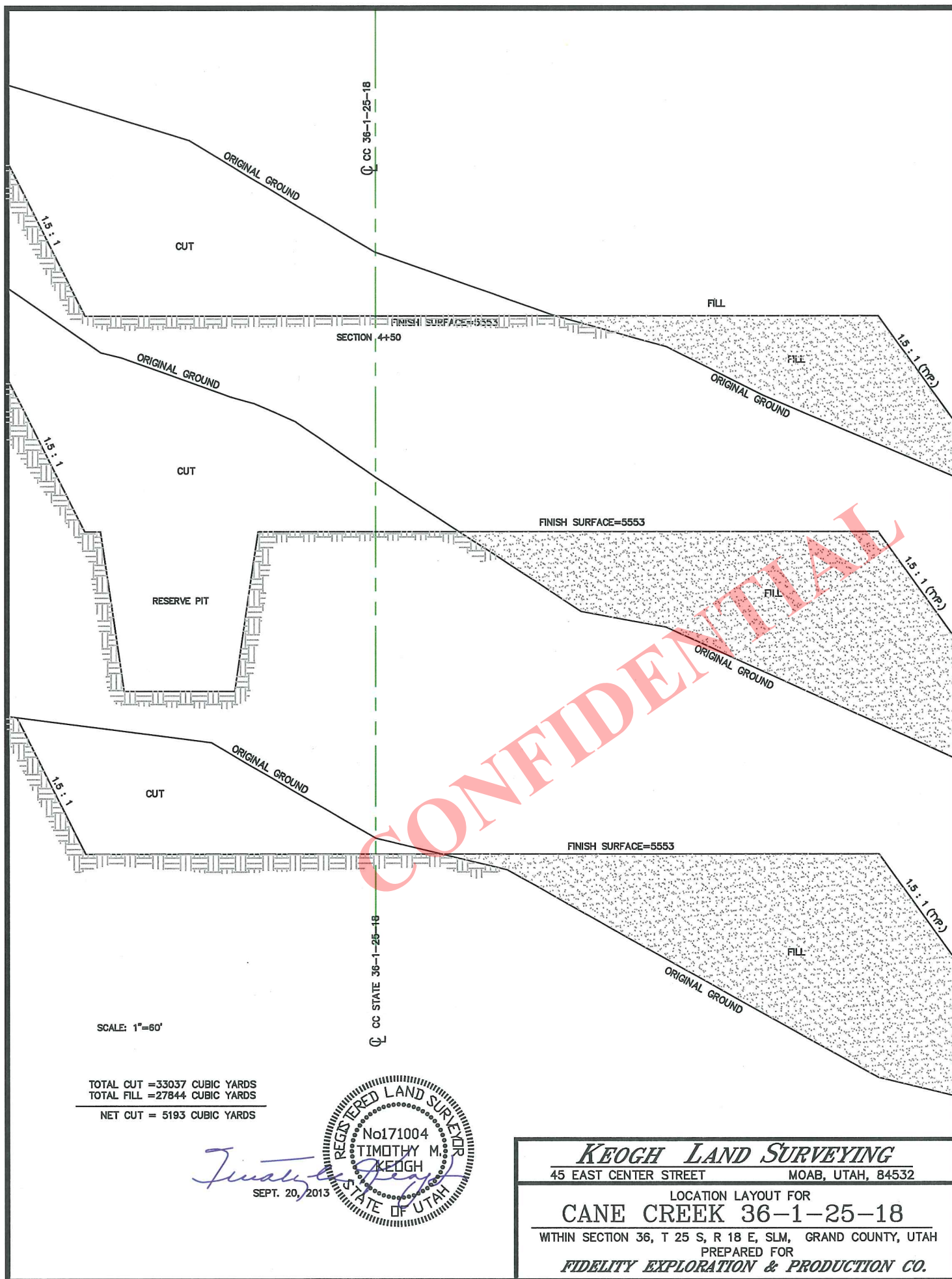
45 EAST CENTER STREET

MOAB, UTAH, 84532

SEPT. 20, 2013



FIDELITY EXPLORATION & PRODUCTION CO.



WELL CCU State 36-1-25-18H	FIELD UT, Grand County (NAD 27 CZ)	STRUCTURE Fidelity (CCU State 36-1-25-18H)
Magnetic Parameters Model: BGGM 2013	Dip: 64.573° Mag Dec: 10.802°	Date: October 01, 2013 FS: 51187.1mT
Surface Location Lat: N 38 34 56.698 Lon: W 109 52 41.502	NAD27 Utah State Plane, Central Zone, US Feet Northing: 94932.10 RUS Easting: 2463674.10 RUS Grid Conv: 1.039° Scale Fact: 1.00013540	Miscellaneous Slot: CCU State 36-1-25-18H Plan: RD mdy 01Oct13 TVD Ref: RKB(5580ft above Mean Sea Level) Srvy Date: October 01, 2013

Proposal


Quality Control

 Date Drawn: October 02, 2013
 09:29:24 AM

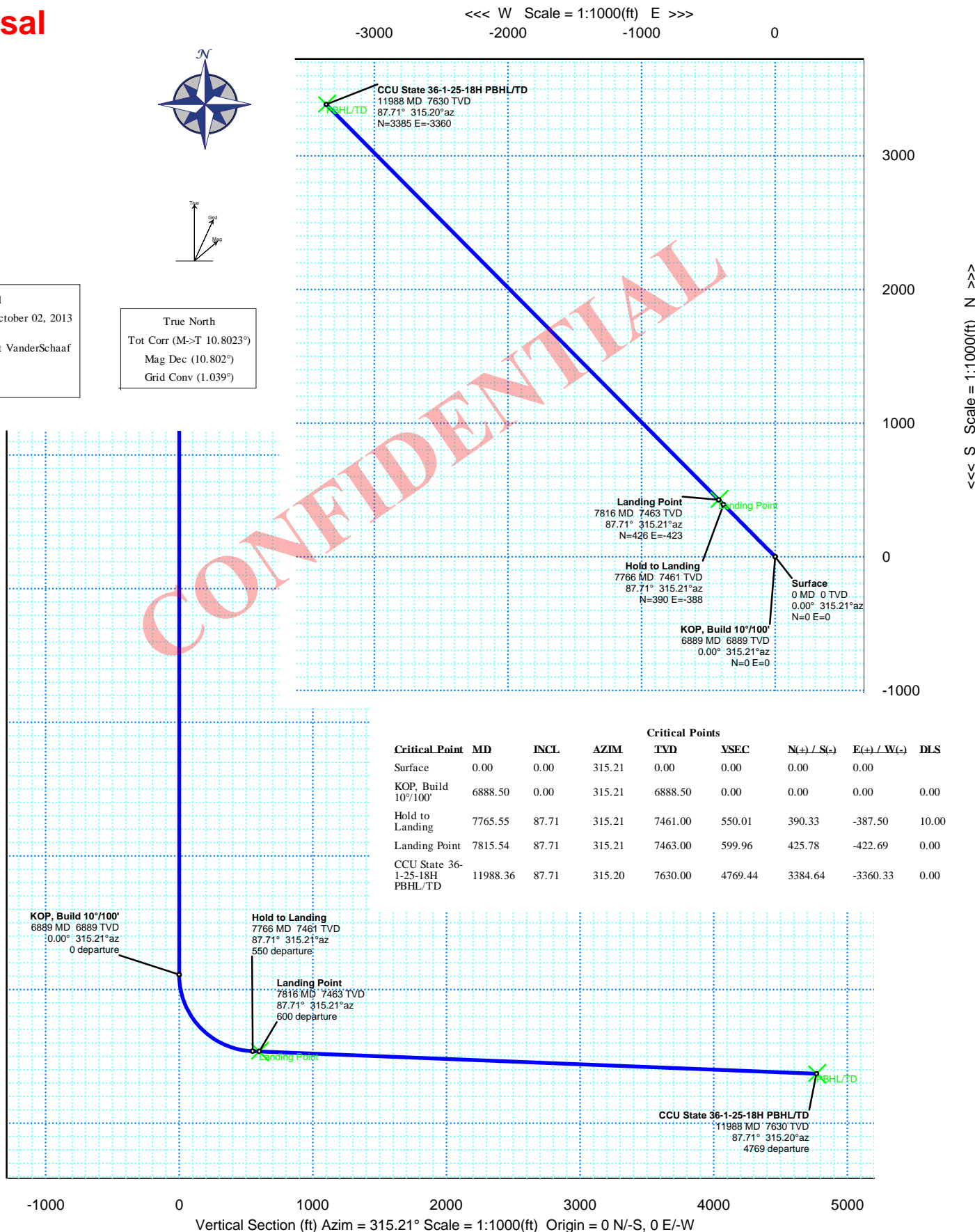
Drawn by: Matt VanderSchaaf

Checked by:

Client OK:

True North
 Tot Corr (M->T 10.8023°)
 Mag Dec (10.802°)
 Grid Conv (1.039°)

TVD Scale = 1:1000(ft)





SURFACE USE PLAN

Name of Operator Fidelity Exploration & Production Company
Address: 1700 Lincoln Street, Suite 2800
Denver, CO 80203
Well Location: **Cane Creek 36-1-25-18**
1113' FSL & 1108' FEL,
SESE, Section 36, T25S, R18E
Grand County, UT

The proposed Cane Creek 36-1-25-18 well site will be located on surface and minerals owned by the State of Utah and managed by the School and Institutional Trust Lands Administration (SITLA). Fidelity does not anticipate any additional disturbance beyond the access road and original well pad dimensions. However, any additional construction work will be accomplished in coordination with the State and a Sundry Notice will be submitted to the State prior to construction of any new surface disturbance activity on State surface not specified in this document.

The surface owner or surface owner representative and dirt contractor will be provided with an approved copy of the surface use plan of operations and approved conditions of approval before initiating any additional construction activities. The State of Utah Authorized Officer will be notified at least 48 hours prior to beginning drilling and/or additional facilities construction for scheduling of a preconstruction meeting.

1. Location of Existing Roads:

- a. The well pad is located approximately 29.5 miles west of Moab, Utah.
- b. Directions to the location from Moab, Utah are as follows:

Proceed northwest on Highway 191 for 11.2 miles. Turn left onto Highway 313 and proceed southwest 12 miles. Turn right onto existing county road and proceed for approximately 6 miles, then turn left onto proposed access road for 0.2 miles into pad location. For location of access roads, see Maps A & B.

- c. All existing roads will be maintained and kept in good repair during all phases of operation.
- d. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.

2. New or Reconstructed Access Roads:

- a. Approximately 0.2 miles of new access road will be constructed for the drilling of this well
- b. Surface disturbance and vehicular travel will be limited to the approved location access road.
- c. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. There are no existing wells within a one-mile radius of the proposed Cane Creek 36-1-25-18 location.

4. Location of Existing and/or Proposed Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Juniper Green or Beetle Green to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this well site; it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A pipeline corridor has been considered for this well and will be applied for once production is achieved.

5. Location and Type of Water Supply:

- a. The water supply for construction, drilling and operations will be provided under a direct purchase agreement with the City of Moab municipal water supply.
- b. No water pipelines will be laid for this well.
- c. No water well will be drilled for this well.
- d. Drilling water for this well will be hauled on the road(s) shown.
- e. Should additional water sources be pursued they will be properly permitted through the State of Utah – Division of Water Rights.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.
- b. No camps or airstrips are proposed with this application.

8. Well Site Layout:

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. The existing access to the well pad will be from the north.
- c. The pad and road designs are consistent with BLM specifications.
- d. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- e. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a discontinuous windrow on the side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss, sterilization and contamination.

- f. Pits will remain fenced until site cleanup.
- g. The blooie line will be located at least 100 feet from the well head.
- h. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

9. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Multiple wells are planned for the Cane Creek 36-1-25-18 location. Upon drilling of the final well for this pad, interim site reclamation will be accomplished for portions of the site not required for the continued operation of the wells.
- b. Upon final well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the nylon reinforced plastic liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices interim reclamation will be completed following completion of the final well to reestablish vegetation, reduce dust and erosion, and complement the visual resources of the area.
 - 1. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
 - 2. The area outside of the rig anchors and other disturbed areas not needed for the operation of the wells will be re-contoured to blend with the surrounding area and reseeded with the following native grass seeds:

<i>Species of Seed</i>	<i>Broadcast Application Rate (lbs/ac)</i>	<i>App. Rate PLS (lbs/ac)</i>
Blue Gramma	5	3
Galleta	2	2
Indian Ricegrass	3	2
Bottlebrush Squirreltail	1	1
Total: 11		Total: 8

- 3. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office.

- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded as described above.
 - f. A final abandonment notice will be submitted to the State when the reclamation activities (as presented in this document) are complete and new vegetation is established. Should there be any deviation from these planned reclamation activities, the surface owner will be notified and a Sundry Notice will be submitted to the State for approval of the new closure and reclamation activities.
10. Surface and Mineral Ownership:
- a. Surface Ownership – State of Utah.
 - b. Mineral Ownership – State of Utah.
11. Other Information:

Company Representatives:

Bruce Houtchens
Drilling and Completion Manager
1700 Lincoln St. Suite 2800
Denver, CO 80203
(713) 351-1950-Direct line
(281) 217-6452 Cell
Bruce.houtchens@fidelityepco.com

Will Alexander
Sr. Drilling Engineer
1700 Lincoln St. Suite 2800
Denver, CO 80203
(720) 917-3025-Direct line
(303) 819-5461 Cell
William.alexander@fidelityepco.com

Joy Gardner – Sr. Engineering Tech
Fidelity Exploration & Production Company
1700 Lincoln St. Suite 2800
Denver, CO, 80203
(720) 956-5763 - Direct line
Joy.gardner@fidelityepco.com



WASTE MANAGEMENT PLAN

Name of Operator: Fidelity Exploration & Production Company

Address: 1700 Lincoln Street, Suite 2800
Denver, CO 80203

Well Location: **Cane Creek 36-1-25-18**
1113' FSL & 1108' FEL,
SESE, Section 36, T25S, R18E
Grand County, UT

For the Cane Creek 36-1-25-18 well, Fidelity will drill with air to a depth of 4,443 feet and then drill with oil based mud (OBM) from 4,443 to 11,988 feet (TD). Approximately 166 cubic yards of air based cuttings will be generated and disposed into the reserve pit. The reserve pit will be lined with 24 mil minimum thickness, nylon reinforced, plastic liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during drilling and completion operations. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.

OBM will be provided by National Oilwell Varco, Moab, UT, and stored in 400 barrel frac tanks on location. When the OBM is returned to the surface, solids control equipment will be used to remove OBM from the cuttings for reuse. Shale shakers, drying shakers, and a vertical cuttings dryer will be used in series for OBM removal. The dried cuttings will be dumped into a small shale bin and later transferred to a large shale bin for mix-off with saw dust, as necessary, and storage prior to hauling. OBM materials will be stored on location for roughly 25 to 30 days.

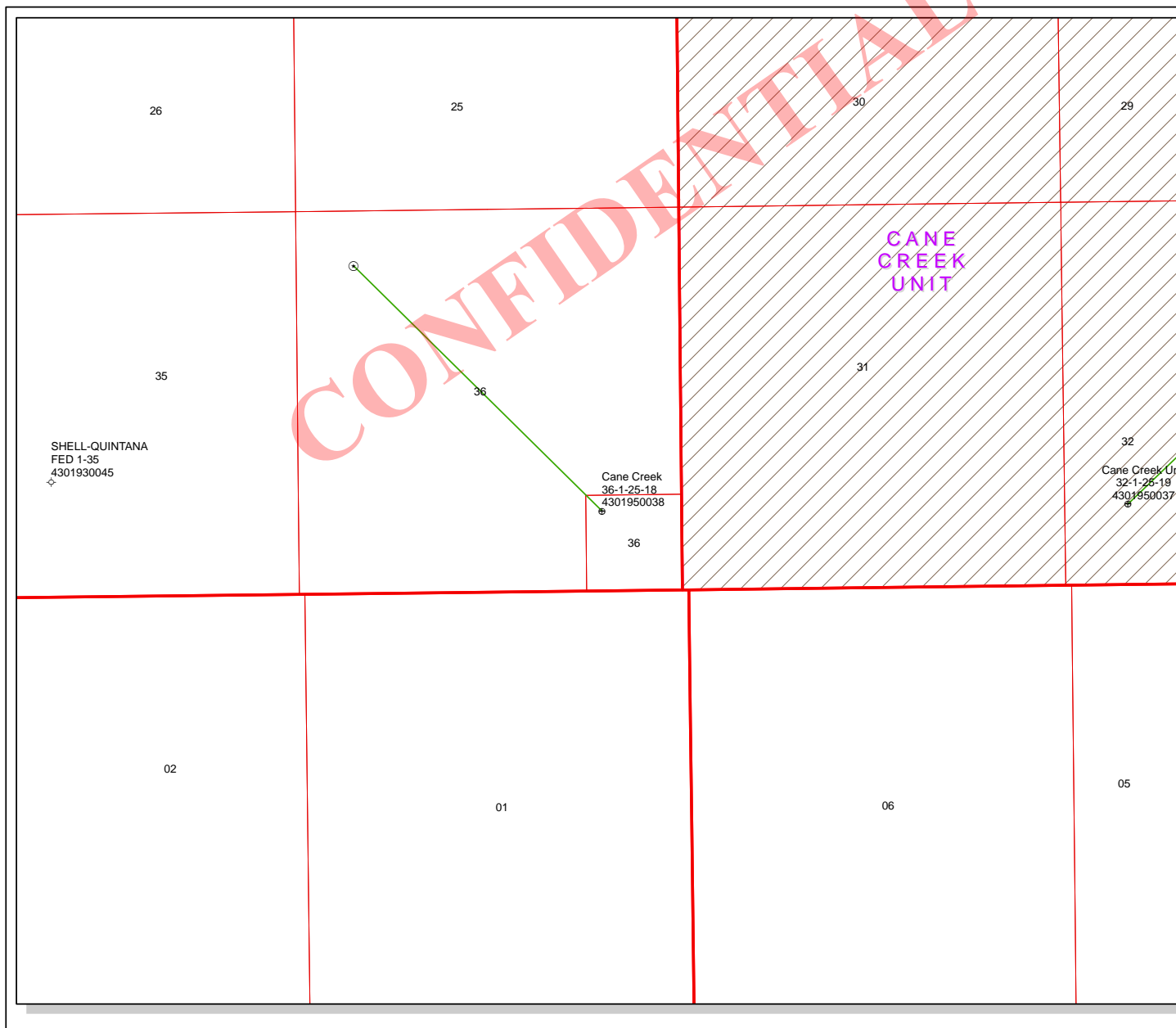
Roughly 110 cubic yards of OBM cuttings will be generated at the Cane Creek Unit 36-1-25-18. All OBM cuttings will be disposed at Klondike Flats Class I Landfill. The Klondike facility is owned and operated by Solid Waste Management Special Service District #1, P.O. Box 980, Moab, UT 84532, and is located approximately 20 miles north of Moab, off of Highway 191.

Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed. After initial well clean-up, a 400 barrel tank will be installed to contain produced wastewater. This water will be transported from the tank to an approved disposal facility. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.

Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet. The portable chemical toilet will be replaced periodically utilizing a licensed contractor. The contractor will transport the toilet to the Grand County Wastewater Treatment Facility for clean-out in accordance with state and county regulations.

Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary, but no later than at the completion of drilling operations. The contents of the trash container will be hauled to the approved Grand County facility, Bob's Sanitation, Moab, Utah.

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API Number: 4301950038

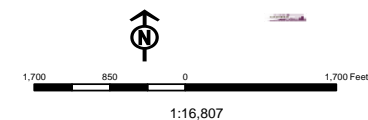
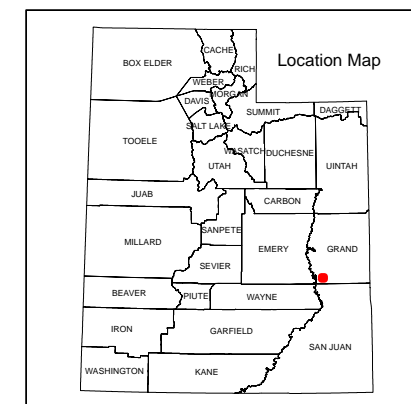
Well Name: Cane Creek 36-1-25-18

Township: T25.0S Range: R18.0E Section: 36 Meridian: S

Operator: FIDELITY E&P COMPANY

Map Prepared: 10/11/2013
Map Produced by Diana Mason

Wells Query		Units	
Status			STATUS
APD - Aproved Permit			ACTIVE
DRL - Spuded (Drilling Commenced)			EXPLORATORY
GIW - Gas Injection			GAS STORAGE
GS - Gas Storage			NF PP OIL
LOC - New Location			NF SECONDARY
OPS - Operation Suspended			PI OIL
PA - Plugged Abandoned			PP GAS
PGW - Producing Gas Well			PP GEOTHERML
POW - Producing Oil Well			PP OIL
SGW - Shut-in Gas Well			SECONDARY
SOW - Shut-in Oil Well			TERMINATED
TA - Temp. Abandoned			
TW - Test Well			
WOW - Water Disposal			
WW - Water Injection Well			
WSW - Water Supply Well			



Well Name	FIDELITY E&P COMPANY Cane Creek 36-1-25-18 43019500380000			
String	Cond	Surf	I1	Prod
Casing Size(")	20.000	13.375	9.625	7.000
Setting Depth (TVD)	100	750	4443	7630
Previous Shoe Setting Depth (TVD)	0	100	750	4443
Max Mud Weight (ppg)	8.3	9.0	9.0	16.5
BOPE Proposed (psi)	0	500	10000	10000
Casing Internal Yield (psi)	1000	2730	9940	11220
Operators Max Anticipated Pressure (psi)	6500			16.4

Calculations	Cond String	20.000	"
Max BHP (psi)	.052*Setting Depth*MW=	43	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	31	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	21	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	21	NO
Required Casing/BOPE Test Pressure=		100	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Surf String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	351	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	261	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	186	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	208	NO OK
Required Casing/BOPE Test Pressure=		750	psi
*Max Pressure Allowed @ Previous Casing Shoe=		100	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	2079	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1546	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1102	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1267	NO OK
Required Casing/BOPE Test Pressure=		4443	psi
*Max Pressure Allowed @ Previous Casing Shoe=		750	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	6547	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5631	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4868	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	5846	NO OK
Required Casing/BOPE Test Pressure=		7630	psi
*Max Pressure Allowed @ Previous Casing Shoe=		4443	psi *Assumes 1psi/ft frac gradient

NW NW Sec 36-25S-18E

Well name:	43019500380000 Cane Creek 36-1-25-18		
Operator:	FIDELITY E&P COMPANY		
String type:	Surface	Project ID:	43-019-50038
Location:	GRAND	COUNTY	

Design parameters:**Collapse**

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 84 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 226 ft

Burst

Max anticipated surface pressure: 660 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 750 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 650 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 4,443 ft
Next mud weight: 9.000 ppg
Next setting BHP: 2,077 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 750 ft
Injection pressure: 750 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	750	13.375	54.50	J-55	ST&C	750	750	12.49	9306
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	351	1130	3.223	750	2730	3.64	40.9	514	12.57 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: November 13, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 750 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43019500380000 Cane Creek 36-1-25-18		
Operator:	FIDELITY E&P COMPANY		
String type:	Intermediate	Project ID:	43-019-50038
Location:	GRAND	COUNTY	

Design parameters:**Collapse**

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 136 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Burst:

Design factor 1.00

Cement top: 2,025 ft

Burst

Max anticipated surface pressure: 3,466 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,443 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 3,843 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 7,630 ft
Next mud weight: 16.500 ppg
Next setting BHP: 6,540 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 4,443 ft
Injection pressure: 4,443 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	4443	9.625	47.00	HCP-110	Buttress	4443	4443	8.625	83104
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2077	7100	3.418	4443	9440	2.12	208.8	1493	7.15 B

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: November 13, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 4443 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43019500380000 Cane Creek 36-1-25-18		
Operator:	FIDELITY E&P COMPANY		
String type:	Production	Project ID:	43-019-50038
Location:	GRAND	COUNTY	

Design parameters:**Collapse**

Mud weight: 16.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 181 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 5,289 ft

Burst

Max anticipated surface pressure: 4,861 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,540 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 5,817 ft

Estimated cost: 148,864 (\$)

Directional Info - Build & Hold

Kick-off point 6889 ft
Departure at shoe: 4769 ft
Maximum dogleg: 10 °/100ft
Inclination at shoe: 87.71 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
3	4400	7	29.00	P-110	Buttress	4400	4400	6.059	53172
2	3400	7	32.00	HCP-110	Buttress	7462	7800	6	45082
1	4188	7	29.00	P-110	Buttress	7630	11988	6.059	50610

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
3	3771	8237	2.184	5829	11220	1.92	230.5	929.4	4.03 B
2	6396	10766	1.683	6503	11640	1.79	102.9	1024.9	9.96 B
1	6540	8530	1.304	6540	11220	1.72	4.9	929.4	99.99 B

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: November 13, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7630 ft, a mud weight of 16.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.



Diana Mason <dianawhitney@utah.gov>

Cane Creek Unit

Jeff Conley <jconley@utah.gov>

Wed, Nov 20, 2013 at 4:07 PM

To: joy.gardner@fidelityepco.com, Diana Mason <dianawhitney@utah.gov>, Bradley Hill <bradhill@utah.gov>

Cc: Jim Davis <jimdavis1@utah.gov>

Hello,

The following wells have been approved by SITLA for arch and paleo with the requirement that a paleo inspection be conducted after well pad is constructed and prior to installation of any pit liners.

(4301950037) Cane Creek Unit 32-1-25-19

(4301950038) Cane Creek Unit 36-1-25-18

Thanks,

Jeff Conley
SITLA Resource Specialist
jconley@utah.gov
801-538-5157

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RECEIVED: November 20, 2013

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator FIDELITY E&P COMPANY
Well Name Cane Creek 36-1-25-18
API Number 43019500380000 **APD No** 8701 **Field/Unit** WILDCAT
Location: 1/4,1/4 SESE Sec 36 Tw 25.0S Rng 18.0E 1113 FSL 1108 FEL
GPS Coord (UTM) **Surface Owner**

Participants

Bart Kettle-DOGM, Nicole Nielson-UDWR, Jim Davis-SITLA, Charlie Harrison-Harrison Oil Field Services, Joy Gardner-Fidelity E&P, Dina Brown-Fidelity E&P Company, Ben Briggs-Fidelity E&P.

Regional/Local Setting & Topography

Proposed project site is located ~19 miles northwest of Moab Utah, in Grand County Utah. On a regional setting the proposed project is located in the Canyonlands Region of the Colorado Plateau. The Canyonlands Region is renowned for its red rock canyons and spectacular views. Tourism is a growing industry in the region. In close proximity to the proposed project site, Dead Horse State Park, Aches National Park and Canyonlands National Park are popular destinations along with the community of Moab Utah. On a local scale the proposed project site is located near Mineral Canyon. Local points of interest include: Gemini Arch, Gemini Bridges, Arths Pasture, Seven mile Canyon, Long Canyon, Dead Horse Point, Horsetheif Point, Mineral Bottoms, Islands in the Sky, Hell Roaring Canyon, Courthouse Rock and Dubinky Point. Topography is typical of the Canyonlands Region: a series of large sandy mesa's abruptly falling off into steep canyons comprised of alternating layers of sandstone and shale. Climatic conditions within the region are arid, and vegetation is typically sparse. The proposed project site is located on a gentle slope consisting of sandy loam soils deposited on sandstone bedrock. Precipitation is considered a 10-12" precept zone. Soils are dominated by Eolian deposits and are predominantly unstable sands and sandy loams. Vegetation would be described as Pinion-Juniper Woodlands and black brush communities. Water drainage is to the southwest, entering Mineral Canyon within two miles and the Colorado River within nine miles. No perennial water sources where observed in close proximity to the project site.

Surface Use Plan

Current Surface Use

Grazing
Recreational
Wildlfe Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.4	Width 500 Length 500		NAVWN

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Flora

Grass: Indian rice grass.

Forbs: Canaigre, annual mustard spp.

Shrubs: Black brush, broom snake weed, cliffrose, single leaf ash.

Trees: Utah Juniper, pinion pine.

Succulents: Prickly pear cactus spp.

Fauna: Mule deer, big horn sheep, coyote, kit fox, gray fox. Seasonal use by migrating birds such as sage sparrow, cassin finch, house finch, pinion jay, white crowned sparrow, gray crowned rosy finch, blue gray knat catcher, Bewick's wren, black throated sparrow, black capped chickadee, Brewers sparrow, bushtit, western kingbird, chipping sparrow, common nighthawk, Coppers hawk, sharp shin hawk, red tailed hawk, ruff legged hawk, golden eagle, turkey vulture, Downey wood pecker, juniper titmouse, northern shrike, mountain bluebird, mourning dove, pine siskin, sage thrasher, western blue bird, and western meadow lark. . Host of small rodents and reptiles possible such as: Black tailed rabbit, cottontail rabbit, woodrat spp, kangaroo rat spp., deer mouse, pinion mouse, rock squirrel, spotted skunk, and antelope squirrel.

Soil Type and Characteristics

Reddish orange sands and sandy loams.

Erosion Issues Y

Soils prone to wind and water erosion once disturbed.

Sedimentation Issues N**Site Stability Issues N**

Site appears suitable for proposed drilling program. Road base may be required on access road and well pad to prevent large dust pockets.

Drainage Diversion Required? Y

Ephemeral wash will require routing around corner #3 to prevent storm water from entering well pad.

Berm Required?**Erosion Sedimentation Control Required? Y**

Seeding should be completed outside of anchors within one year following well pad construction.

Paleo Survey Run? Y Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources? N

Reserve Pit**Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	Oil Base Mud Fluid	15

Drill Cuttings	Salt or Detrimental	10
Annual Precipitation (inches)	10 to 20	5
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score	50	1 Sensitivity Level

Characteristics / Requirements

Proposed drilling system includes the use of a oil based mud drilling system to stabilize hole through Paradox salt zones. As such a reserve pit is being proposed along with a closed loop drilling system for oil based drilling mediums.

Proposed drilling program includes a vertical hole followed by a lateral. Duration to complete drilling program is anticipated to exceed 30 days. Due to prolonged drilling program pit liners shall be inspected weekly to assure integrity.

Reserve pit fluids at sites with comparable drilling programs within the Paradox formation have had TDS in excess of 50,000 mg/l. Additional reclamation steps may be required for materials high in chlorides. Precautions should be taken while drilling to assure salt or detrimental cuttings are not mixed with normal rock cuttings.

Surface formations are members of the Glen Canyon group and are capable of containing fresh water aquifers. Permeability of soils and underlying sandstones is medium to high. Pit liner of 24 ml for reserve pit shall be properly installed with bedding of sand or felt. Tanks and handling equipment containing oil based drilling materials should be underlain with a 20 mil synthetic liner as secondary containment.

Closed Loop Mud Required? Y Liner Required? Y Liner Thickness 24 Pit Underlayment Required? Y

Other Observations / Comments

Access road is proposed as a 14' running surface with turnouts. Minimal construction will be completed until well is deemed capable of commercial production. Pit run will be placed at wash crossing and portions of road requiring maintenance during drilling operations.

DOGM noted significant concerns regarding reserve/cuttings pit lining, management and reclamation. Pit contents with TDS in excess of 50,000 mg/l are possible, as such additional stipulations and precautions will be required.

Top 6-12" of top soils should be saved and stockpile. All disturbed soils shall be seeded within 12 months of disturbance.

Bart Kettle
Evaluator

10/21/2013
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
8701	43019500380000	SITLA	OW	S	No
Operator	FIDELITY E&P COMPANY		Surface Owner-APD		
Well Name	Cane Creek 36-1-25-18		Unit		
Field	WILDCAT		Type of Work		DRILL
Location	SESE 36 25S 18E S 1113 FSL		1108 FEL GPS Coord		
	(UTM) 597654E 4271024N				

Geologic Statement of Basis

Fidelity E&P Company proposes to drill the well to a total depth of 7,638' and plans to set surface casing from 0'-750'. The surface string will be drilled using an air mist. The proposed well would be spud in sandy soil that has been developed from the erosion of the Kayenta formation, which is exposed at the surface at this location. The well location is approximately one-half mile from the axis of the Cane Creek Anticline. It is reasonable to expect fractures & joints that may result in zones of lost circulation during drilling. There are no underground water rights within one mile of the proposed location. It is unlikely that fresh water will be encountered, at this location, in the Wingate Aquifer. The proposed casing and cementing program should adequately protect any useable groundwater resources encountered during the drilling of this well.

Ammon McDonald
APD Evaluator

11/7/2013
Date / Time

Surface Statement of Basis

On-site evaluation conducted October 21, 2013. In attendance: Bart Kettle-DOGM, Nicole Nielson-UDWR, Jim Davis-SITLA, Charlie Harrison-Harrison Oil Field Services, Joy Gardner-Fidelity E&P, Dina Brown-Fidelity E&P Company, Ben Briggs-Fidelity E&P.

Proposed project is located in an environmentally sensitive region. National Parks, slick rock trails, river rafting and scenic views attract thousands of tourist to the region annually. Due to awareness of mineral exploration in the area it is reasonable to expect scrutiny of drilling operations for proposed project. Operator instructed to monitor drilling operations and ROW activity closely. Problems should be addressed immediately. Steps to limit activity during peak tourist season, and hours of the day are recommended.

DOGM is requiring additional precautions for reserve pit and handling of salt laden and oil base mud cuttings. Slopes of pit walls should not exceed 2:1. Pits shall be lined as determined by site evaluation ranking. The geomembrane shall consist of 24 mil string reinforced LDPE or equivalent liner for reserve pit. The geomembrane liner should be composed of an impervious synthetic material resistant to hydrocarbons, salts and alkaline solutions.

Tanks and equipment handling or storing oil based drilling mediums and chloride laden cuttings will require 20 mil string reinforced geomembrane liner. Liner should be placed over prepared surface containing 12" berms and key trench to secure liner.

Blasting is anticipated for reserve pit, fractured rock should be properly bedded with sand or a felt liner. Liner edges should be secured. Liner should be protected from fluid force or mechanical damage at points of discharge or suction.

Due to anticipated prolonged drilling operations precautions should be taken to prevent punctures from drilling related activities. Weekly inspection of liner should be conducted and recorded. Surface water run off should not be allowed to enter pits.

While drilling three sides of pits should be fenced. Fencing should include reinforced corner braces, 36" woven net wire on the bottom and two strands of barbed wire on top spaced at 6" apart. Following completion of drilling activities pits will require fencing on the fourth side, removal of free standing oil and netting to prevent entry by water fowl.

Pits will require reclamation to be completed one year following the removal of drilling rig. Reclamation measures shall be submitted to DOGM for approval following analysis of pit contents.

SITLA requesting that top soils be salvaged and stabilized for reclamation. Storm water drainage should be routed around corner #3. Proposed 80'x100' tanks containment berm should be moved from corner #3 to alleviate risk of flooding in the event that storm water diversion fails.

UDWR requested that raptor surveys be completed prior to activity or seasonal restrictions of Feb 1st-Aug 1st be implemented.

Bart Kettle
Onsite Evaluator

10/21/2013
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A closed loop mud circulation system is required for this location.
Pits	A representative sample of drill cuttings shall be collected and analyzed prior to disposal at approved facility.
Pits	A closed loop mud circulation system is required while using oil based drilling mediums.
Pits	The reserve pit shall be fenced upon completion of drilling operations. Netting will be required over pit if it contains hydrocarbons or RCRA-exempt hazardous substances.
Pits	Reserve pit liner shall be protected from fluid force or mechanical damage at points of discharge or suction.
Pits	The Division shall be consulted prior to reclamation of reserve pit and drill cuttings.
Pits	Weekly inspections of liners shall be conducted and documented until materials are removed, or reserve pit is reclaimed.
Pits	Fractured rock in reserve pit area or oil based mud handling areas shall be properly bedded.
Pits	Liner edges must be secured.
Surface	Access road and well pad shall have fresh water applied to control dust as needed.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/9/2013

API NO. ASSIGNED: 43019500380000

WELL NAME: Cane Creek 36-1-25-18

OPERATOR: FIDELITY E&P COMPANY (N3155)

PHONE NUMBER: 720 956-5763

CONTACT: Joy Gardner

PROPOSED LOCATION: SESE 36 250S 180E

Permit Tech Review: ☒

SURFACE: 1113 FSL 1108 FEL

Engineering Review: ☒

BOTTOM: 0752 FNL 0781 FWL

Geology Review: ☒

COUNTY: GRAND

LATITUDE: 38.58233

LONGITUDE: -109.87882

UTM SURF EASTINGS: 597654.00

NORTHINGS: 4271024.00

FIELD NAME: WILDCAT

LEASE TYPE: 3 - State

LEASE NUMBER: ML-52094

PROPOSED PRODUCING FORMATION(S): CANE CREEK

SURFACE OWNER: 3 - State

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE/FEE - 190017646/104891324☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: Municipal☒ RDCC Review: 2013-11-20 00:00:00.0☐ Fee Surface Agreement☐ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: R649-3-2.6

Effective Date:

Siting:

☐ R649-3-11. Directional DrillComments: Presite Completed
TEMP 640 ACRE SPACING:Stipulations: 5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - hmadonald
12 - Cement Volume (3) - hmadonald
21 - RDCC - dmason
23 - Spacing - dmason
26 - Temporary Spacing - bhill
27 - Other - bhill

RECEIVED: November 25, 2013



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Cane Creek 36-1-25-18

API Well Number: 43019500380000

Lease Number: ML-52094

Surface Owner: STATE

Approval Date: 11/25/2013

Issued to:

FIDELITY E&P COMPANY, 1700 Lincoln Street Ste 2800, Denver, CO 80203

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2.6. The expected producing formation or pool is the CANE CREEK Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing

a Request for Agency Action with the Board.

A temporary 640 acre spacing unit is hereby established in Section 36, Township 25 S, Range 18E, SLBM for the drilling of this well (R649-3-2.6). No other horizontal wells may be drilled in this section unless approved by the Board of Oil, Gas and Mining.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

Cement volume for the 7" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 4143' MD as indicated in the submitted drilling plan.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling

program

- contact Dustin Doucet

- 24 hours prior to commencing operations to plug and abandon the well -

contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours

- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-52094
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: FIDELITY E&P COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1700 Lincoln Street Ste 2800 , Denver, CO, 80203		8. WELL NAME and NUMBER: Cane Creek 36-1-25-18
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1113 FSL 1108 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 36 Township: 25.0S Range: 18.0E Meridian: S		9. API NUMBER: 43019500380000
PHONE NUMBER: 720 931-6459 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: GRAND		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 3/30/2014	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The Cane Creek 36-1-25-18 was spud on 3/30/2014. Set 110 ft 20 inch conductor and cemented with 15 yds Redimix cement.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 02, 2014		
NAME (PLEASE PRINT) Joy Gardner	PHONE NUMBER 720 956-5763	TITLE Sr. Engineering Tech
SIGNATURE N/A	DATE 3/31/2014	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Fidelity Exploration and Production Company Operator Account Number: N 3155
Address: 1801 California St., Suite 2500
city Denver
state CO zip 80202 Phone Number: (303) 893-3133

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301950038	Cane Creek 36-1-25-18		SESE	36	25S	18E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
			3/30/2014				
Comments:							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

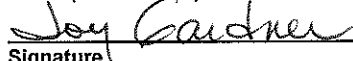
API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Joy Gardner

Name (Please Print)



Signature

Sr. Engineering Tech

Title

3/31/2014

Date

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-52094
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: FIDELITY E&P COMPANY		8. WELL NAME and NUMBER: Cane Creek 36-1-25-18
3. ADDRESS OF OPERATOR: 1700 Lincoln Street Ste 2800 , Denver, CO, 80203		9. API NUMBER: 43019500380000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1113 FSL 1108 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 36 Township: 25.0S Range: 18.0E Meridian: S		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: GRAND		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/1/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="gas gathering"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached project description.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 April 30, 2014

NAME (PLEASE PRINT) Joy Gardner	PHONE NUMBER 720 956-5763	TITLE Sr. Engineering Tech
SIGNATURE N/A	DATE 4/15/2014	

Dead Horse Lateral Natural Gas Gathering Lines

Project Description

Fidelity Exploration & Production Company (the Operator) proposes to construct, operate, maintain, and eventually decommission 19 gas gathering lines that would connect current and possibly future wells on 19 well pads in and near the Cane Creek Unit (CCU) to the Dead Horse Lateral (DHL) gas gathering pipeline, which is currently under construction. The produced natural gas would be transported through the DHL pipeline to an approved natural gas processing plant near Blue Hills Road that is also under construction. The natural gas would be compressed and processed for liquids recovery at the gas plant. The sales-grade gas would subsequently be delivered via the existing Greentown pipeline to the existing Northwest pipeline. The gathering lines would remain in operation as long as the Operator's producing wells supply sufficient gas to justify its use. The life of a productive well may last as long as 30 years.

In addition, the Operator proposes to upgrade one Class D road to provide alternate access to existing and future well locations currently being accessed via the Class B Mineral Point Road.

All applicable federal, state, and county regulations and Bureau of Land Management (BLM) conditions of approval would be adhered to during gathering line construction and operation. Construction operations would employ the principles contained in the BLM's *Hydraulic Considerations for Pipelines Crossing Stream Channels* (2007) and *Surface Operating Standards for Oil and Gas Exploration and Development, 4th Edition* (Gold Book) (2007). Cultural, paleontological, and biological resource inventories are in progress, and reports of the findings will be submitted to the BLM prior to the initiation of construction operations.

Design features, environmental protection measures, and safety procedures committed to by the Operator are listed at the end of this project description. Additional safety procedures that would be utilized as part of the DHL gathering system are contained in DOI-BLM-UT-Y010-2013-067-EA, Appendix D (BLM, 2013). If the project is approved, the Operator would utilize an independent 3rd-party compliance monitor to ensure that gathering line construction operations would be conducted in accordance with applicable conditions of approval.

Location and Access

Gathering Lines

Approximately 25 miles of gathering lines (132,056 feet) would be constructed across federal and State of Utah lands in Grand County, Utah, approximately 12 miles west of Moab. The

gathering line routes would be reached by traveling north from Moab along US Highway 191 until reaching State Highway (SH) 313. The gathering lines would tie into the DHL pipeline at various locations along SH 313 and the Dubinky Well Road (See attached maps). New roads would not be constructed to construct the gathering lines. Table 1 shows the lengths of the gathering line routes related to surface ownership. The gathering lines are named according to the name of the well pad from which they originate.

Table 1: Gathering Line Lengths and Land Ownership

Gathering Line	Location	Federal Surface Length (feet)	State Surface Length (feet)	Total
Cane Creek 1-1	T25S-R19E, Sections 1, 2	1,366	987	2,353
Cane Creek 2-1	T25S-R19E, Section 2	0	0	0
Cane Creek Unit 2-1-25-18	T25S-R18E, Section 2	0	1,697	1,697
Cane Creek Unit 7-1	T26S-R20E, Sections 7, 18	10,825 ¹	0	10,825 ¹
Cane Creek 8-1	T26S-R20E, Sections 8, 18	4,101	0	4,101
Cane Creek Unit 12-1	T25S-R19E, Section 11, 12	2,883	0	2,883
Cane Creek Unit 16-2	T24S-R18E, Sections 35, 36 T25S-R18E, Sections 2, 10, 11, 15, 16	10,493	19,937	30,430
Cane Creek Unit 17-1	T26S-R20E, 17, 18	7,660	0	7,660
Cane Creek Unit 18-1	T26S-R20E, Section 18	1,347	0	1,347
Cane Creek 24-1	T26S-R19E, Sections 13, 24	6,336	0	6,336
Cane Creek Unit 26-2	T25S-R19E, Sections 26, 27	9,602	0	9,602
Cane Creek Unit 28-2	T25S-R19E, Section 28	1,111	0	1,111
Cane Creek Unit 32-1-25-19	T25S-R19E, Section 32	0	2,557	2,557
Cane Creek 36-1-25-18	T25S-R18E, Section 36 T25S-R19E, Sections 28, 31, 32, 33	14,207	10,171	24,378
Cane Creek Unit 36-1	T25S-R19E, Section 36 T26S-R19E, Sections 1, 2	140	7,077	7,217
Kane Springs Federal 10-1	T25S-R18E, Section 10	5,509	0	5,509
Kane Springs 19-1A-ST	T26S-R19E, Section 24 T26S-R20E, Sections 19, 30	12,606	0	12,606
Kane Springs Federal 27-1	T25S-R19E, Section 27	34	0	34
Kane Springs Federal 25-19-34-1	T25S-R19E, Section 34	1,410	0	1,410
Total Length by Surface Owner		89,630	42,426	132,056

¹ Includes 2,274 feet within the DHL ROW

Through traffic in both directions would be maintained on SH 313 during construction operations. Through traffic may be temporarily stopped on the Class B Gemini Bridges Road near the intersection with the CCU 2-1 well pad access road to accommodate construction operations where the CCU 36-1 gathering line would cross the road. Gemini Bridges Road

would be closed in this area for approximately three hours total, but would be open at intervals within this time so that traffic could pass the construction area. An additional two-hour period would be needed to trench beneath Gemini Bridges Road and bury the pipeline beneath the road.

Appropriate controls would be in place to warn the public and control traffic while constructing a gathering line adjacent to a road or while constructing a trench across a road. Traffic cones and "construction zone" signs would be used to notify oncoming traffic of construction operations. Flagmen would be placed at either end of the work area if visibility is less than 100 yards. Installation of a gathering line along a Class D road may generally allow vehicles to proceed past construction operations.

Class D Road

The Operator proposes to upgrade an existing Class D road to that would provide access to its leases along Mineral Point Road and bypass Horsethief Campground. The Operator has drilled two wells that currently utilize the Mineral Point Road for access and may drill additional wells in the future that would otherwise utilize Mineral Point Road without the alternate route that the upgraded Class D road would provide. The Class D road is located north of Mineral Point Road and is located entirely on federal surface. It currently intersects Mineral Point Road approximately 1.5 miles west of Horsethief Campground to SH 313 near the CCU 28-2 well pad.

Table 2: Class D Road Upgrade Location and Length

Road Upgrade	Location	Length (feet)
Cane Creek 36-1-25-18	T25S-R19E, Sections 28, 33	7,597

Construction Schedule and Personnel Requirements

The Operator plans to initiate gathering line construction as soon as it receives regulatory approval but anticipates initiating construction in June 2014. Four to five months would be needed to construct all gathering lines. Each gathering line would require 1-2 weeks for construction, depending on its length and terrain considerations. Construction activities would generally occur during daylight hours. Pipeline integrity testing may be performed at night.

Procedures have been developed to ensure that gathering line installation occurs as quickly and safely as possible in a planned sequence of operations along the routes. Two or three construction crews may work simultaneously at different locations to meet the project schedule. Each installation crew would consist of five workers. One 5-person road boring crew would be responsible for the SH 313 crossings.

Gathering Line Design

The design, materials, construction, operation, maintenance, and termination practices of the pipeline would meet or exceed safe and proven engineering practices, industry standards, and would comply with all applicable requirements. These gathering lines have been designed and would be constructed to meet and exceed applicable industry standards, which include, but are not limited to: API 5L, API 6D, API 15 HR, ASTM D2517, ASME 31.8 and ANSI pipeline material standards .

The gathering lines would be installed above and below ground, depending on site conditions along the routes. Buried lines would be constructed of 4.5 or 6.5-inch (outside diameter) Fiberspar (or equivalent), or 8 or 12-inch steel. Aboveground line would be constructed of uncoated steel so that the outside surface would rust. The highest normal operating pressure on the gas gathering system would be 75 pounds per square inch (psi) gauge and would occur at the well site, where it would be limited by mechanical pressure relief valves on the upstream separation equipment. Maintenance operations may temporarily require the normal operating pressure to be exceeded. The pipe wall thickness would ensure sufficient structural integrity for the low-pressure system. Gas production from each well would be measured by an orifice meter. A well pad may require installation of more than one pipe in a trench. If so, these gathering lines would be positioned vertically within a single trench.

All gathering lines would be surveyed in place so that precise locations with respect to adjacent roads and buried depths can be ascertained. The as-built survey would be provided to the BLM at the completion of the project.

Construction Operations

Gathering Line Construction

Equipment needed to install the buried gathering lines would include flatbed trailers, trenching machines, mini-excavators, bulldozers, rotary jackhammers, offset booms, spoolers, cables, water trucks, and pickup trucks. Vehicle traffic during construction operations would include the transportation of materials and heavy equipment, workforce commuting, and daily operation of construction equipment. Installation equipment, pipe, and other construction materials would be hauled to the work site by flatbed semi-tractor trailers and stored temporarily on existing well pads. Pipe would be transported from well pads to strategic locations along a gathering line route within the construction corridor on a daily basis. Construction equipment may be left overnight within the construction corridor but would not be parked overnight on Class B roads. To minimize the introduction of noxious invasive species, the construction contractor would be required to have equipment arrive at construction sites in a clean condition, free of weeds and soil.

The gathering line routes have been located to avoid trees and shrubs as much as possible. Where dead trees are found within a 30-foot construction corridor, the trees would be transported to disturbed areas and mulched. The mulch would be spread over the disturbed areas.

All pipeline installation equipment would operate within a 30-foot construction corridor.

Aboveground Cross-Country Gathering Lines. Some gathering line routes would travel cross-country to minimize impacts to topography, soils, vegetation, and recreation and visual resources. Installing a gathering line aboveground on cross-country routes would prevent visual scarring by eliminating the need to remove the shrub and tree cover that would otherwise result from trenching. The ground surface would not be bladed. Vegetation would not be removed. Trees and cultural resource sites would be avoided.

Aboveground gathering line would be installed using one of two methods. The first method would utilize a cable that would be placed by hand along a cross-country segment of the route. Several sections of the pipe would be welded together on a well pad and attached to the end of the cable. A bulldozer would be stationed at the receiving end to pull the cable and position the welded pipe in place along the route. Pipe segments would be pre-welded on the well pad. Using this procedure, surface disturbance would result only from placing the cable by hand and by dragging the pipeline in place, affecting approximately five feet along the length of the cross-country segment.

Alternatively, pipe segments would be welded on a well pad and pulled along the cross-country route with the use of a single pass of a bulldozer. The ground surface would not be bladed, and trees would be avoided by the bulldozer. An approximate 15-foot drive route would be used by the bulldozer while pulling the gathering line in place.

Buried Gathering Lines adjacent to Roads. Where a gathering line would be buried parallel to a well access road or Class D road, the gathering line would generally be installed immediately adjacent to the 14-foot road running surface. Each gathering line would be installed at least 4 feet deep to ensure a minimum cover of 3 feet below the surface. The top of the trench would be approximately 12 inches in width. It may be necessary to consider installing a gathering line aboveground and adjacent to a Class D road where hard bedrock is extremely hard, in which case one of the two procedures described above would be utilized (cable pull or tractor pull).

Where a gathering line would be installed adjacent to a Class B road, the gathering line and aboveground infrastructure would be installed as far from the centerline of the Class B road as possible while generally remaining within the Class B road ROW. Alternatively, the gathering line would be installed adjacent to the running surface of the Class B road in a trench sufficiently deep to provide a minimum coverage of five feet. Installation of a gathering line at this depth

would allow road maintenance operations to be conducted safely and minimize surface disturbance away from the roadway.

Open trenching would be performed using a trencher, the size of which would be determined by site-specific terrain conditions, soil depth, and hardness of bedrock. Previous testing of a rock sample from the project area determined that most trenching operations would be performed with standard trenching equipment. Where operating on harder bedrock, a trencher may be equipped with a rock wheel. In areas where the rock surface is even harder, a rotary jackhammer may be used to create a trench. If absolutely necessary, bedrock may be blasted using small explosive charges and appropriate public safety measures would be taken.

A small trencher would be used to dig a trench where the terrain provides suitable safe access. Ideally, it would be used on the edge of the running surface of all Class D or access roads and as much as possible on Class B roads where terrain conditions are favorable. If trenching slightly off the road surface, this trencher would permit maximum flexibility in choosing the optimal route to avoid trees and large shrubs. An offset boom, operating on the road, would be used to place the pipe farther off the road running surface. Using the small trencher would not generally require the ground surface to be bladed or graded. The small trencher would use floatation tires with an approximate ground pressure of 20 psi. It would create an approximate 10-foot wide track with the trench centered beneath it. Topsoil and spoils would be mixed and placed on either side of the trench within the trencher tire tracks. Following installation of the pipe, the trench would be backfilled with the materials excavated from the trench using a V-plow equipped with skids so that the ground surface is not gouged. Another pass would compact the surface above the trench. An approximate 15-foot corridor would be affected along the gathering line route if a bulldozer is used.

A large trencher would be used where hard bedrock is encountered. The gathering line route may require grading and/or blading where the terrain is too rough for placement of the trencher. For trenches larger than 18 inches in width, spoils and topsoil would be temporarily placed in the 30-foot construction corridor in piles opposite the working side of the trench. Topsoil, as available, would be stored separately from the spoils and placed in piles adjacent to the spoil piles. After the pipe is lowered in the trench, spoils would be replaced in the trench and compacted. Extra spoil would be placed on top of the trench and spread. Topsoil would be redistributed on top of the spoils. Extra spoil materials may be used to camouflage the appearance of the surface-installed infrastructure from adjacent Class B roads and/or SH 313.

Road crossings would be performed either by open-trenching an unpaved road surface or by boring under the paved SH 313. Any Fiberspar gathering line that would be installed beneath a road would be protected with a steel sleeve. The BLM would be provided with a three-week notice regarding upcoming Class B road crossings. One week prior to the crossing, the Operator

would confer with the BLM to confirm the crossing schedule. At Class B road crossings, the public would be prevented from using the road for up to five hours while the road is being trenched and the pipe installed. If possible, the road would be intermittently re-opened for through public vehicle passage during this time. One mini-excavator would be used at each side of a Class B road crossing in a 30 by 30-foot area, which would be graded and bladed prior to trenching across the road. Topsoil would be stripped and temporarily stored in a small pile within the mini-staging areas. After installation of the pipe, the contours of the mini-staging areas would be restored and topsoil re-spread. Mulch would then be applied.

To avoid disrupting traffic, a horizontal directional drill (HDD) would be used to bore beneath SH 313. The depth of the trench beneath SH 313 would be increased per UDOT regulations. Using the HDD would require two approximate 100 by 100-foot temporary use areas on both sides of SH 313 where the bore would enter and exit the surface. Surface preparation would remove portions of the topsoil, which would be temporarily stored within the disturbance area; however, large shrubs would be retained where possible. The HDD would drill a pilot hole beneath the surface at a depth that maintains minimum coverage requirements, after which the hole would be enlarged with a reamer to a diameter sufficient to accommodate the pipe diameter. A pre-welded and pre-tested section of pipe would be pulled into the hole from the side of the bore hole opposite the drilling equipment.

Buried gathering line segments would be installed at least 4.5 feet below all active wash bottom elevations. Generally, this increased depth would be extended for a distance of half the width of the wash on either side of the wash. For example, if the wash is 20 feet wide, the increased depth would extend 10 feet beyond each side of the wash. Disturbed wash banks would be stabilized with natural erosion control materials including rocks, erosion control blankets, rip rap, or other stabilizing materials.

A hydrostatic pressure test would be performed for each gathering line prior to operation. The gathering lines would be tested to at least 110 percent of maximum operating pressure using up to 465,000 gallons of water (total). The water would be obtained from a permitted source or a private owner that holds valid water rights. Disposal of the test water would be in conformance with applicable state and BLM requirements.

Road Upgrade

Up to 35 feet may be required to upgrade the Class D to an all-weather access road. Upgrading the Class D road would require short re-routes to eliminate sharp corners and allow for safe travel by tractor trailers and tanker trucks. A surveyed route showing proposed modifications to the configuration of the existing road would be provided to the BLM prior to project approval. The upgraded road would require a 14-foot running surface.

The road surface would be bladed and graded. High wash banks would be bladed, and the extra material would be used as fill in the wash bottoms and on adjacent sections of the road. Where slickrock exposures or rocky areas exist along the road, materials remaining from grading would be used to smooth out the surface. Dry wash crossings would be used where possible, but culverts and cattle guards would be installed if necessary to control drainage and livestock movement. Turnouts would be constructed according to Gold Book standards. The Operator would obtain road surfacing materials from permitted sources. Construction would not be conducted during wet conditions when soils are saturated. Approximately seven days would be needed to upgrade the Class D road.

Other Infrastructure

Gathering line infrastructure would include surface and subsurface equipment. All aboveground equipment would be painted shale green, or other flat color specified by the BLM, and would be positioned to be screened from view or blend in with the immediate natural surroundings as much as possible. Where located adjacent to a Class B road or SH 313, the Operator would place the aboveground infrastructure behind trees, shrubs, or rocks, where present. Alternatively, existing soil berms or ridges may be built up or rocks placed to provide visual screening from travelers on an adjacent road.

Subsurface tee and stubs for possible future connections would be installed below the ground surface. Such equipment would be prefabricated off-site and installed within the construction corridor where needed.

Pig receiver and launcher valves would be used to clean and inspect the interior of the gathering lines. Pig receivers or a combination of receiver and launcher valves in a single valve assembly would be installed aboveground along the DHL pipeline ROW or along the gathering line construction corridor where pipe diameter changes. One pig launcher would be installed on each existing well pad. Pig receivers would be installed where a gathering line joins another gathering line or where a gathering line joins the DHL pipeline. In addition to the measures previously described to minimize the visual impacts, the Operator would install low profile in-line valves that are about 1/10 the size of typical pig launchers and receivers. Each pigging valve assembly would be protected by a steel pipe tubing enclosure measuring approximately 3 feet high, 4 feet wide, and 16 feet long. Alternatively, rocks may be brought in and placed nearby to serve as security bollards.

Low point drain valves would be sited at topographic lows along the gathering lines. Produced natural gas typically contains some amount of water, which condenses out of the gas phase as the gas cools. The standing liquids would be collected by a vacuum truck that would be temporarily connected to the gathering line. Low point drain valves would rise approximately 2.5 feet above

the ground surface and would be protected by a 3-foot high, 3-foot wide, 3-foot long pipe enclosure and/or with rocks.

Flares would remain in place at the well pads to be used during maintenance operations that require that a well be taken offline, during which time natural gas would be temporarily flared at the well pad(s) served by the gathering line. Table 3 summarizes the construction details for each gas gathering line.

Table 3: Gathering Line Construction Details ¹

Gathering Line	Well Status	Construction Details
Cane Creek 1-1	Active well.	Connects to the CCU 36-1 gathering line. Buried along well access road. Surface laid cross-country to the CCU 2-1 well pad via cable pull.
Cane Creek 2-1	Active well.	Connects to the CCU 36-1 gathering line, entirely on CCU 2-1 well pad.
Cane Creek Unit 2-1-25-18	Drilling and completion.	Well pad on state surface. Connects to the CCU 16-2 gathering line. Buried along well access road.
Cane Creek Unit 7-1	Active well.	Connects to the DHL pipeline. Buried along well access road and Class D road. Trenched under Long Canyon Road. Bored under SH 313. 2,274 feet within the DHL ROW.
Cane Creek 8-1	Shut-in.	Connects the CCU 8-1 well pad to CCU 18-1 gathering line at CCU 18-1 well pad. Buried along Class D road.
Cane Creek Unit 12-1	Active well.	Connects to the DHL pipeline. Buried along Class D road. Bored under SH 313.
Cane Creek Unit 16-2	APD approved	Well pad on state surface. Connects to DHL pipeline. Surface laid cross-country via bulldozer pull to CCU 10-1 tie-in. Trenched under Class B road.
Cane Creek Unit 17-1	Active well.	Connects to the CCU 18-1 gathering line. Surface laid along Class D road to Long Canyon Road via bulldozer pull. Surface laid cross-country to the CCU 18-1 tie-in via cable pull. Trenched under Long Canyon Road.
Cane Creek Unit 18-1	Active well.	Connects to the CCU 7-1 gathering line. Surface laid cross-country via bulldozer pull.
Cane Creek 24-1	Active well.	Connect to the DHL pipeline. Buried along well access road and Class D road. Also, carries production from the CCU 13-1 well.
Cane Creek Unit 26-2	Active well.	Connects to the DHL pipeline. Buried along well access road, Class D road, and Class B road. Bored beneath SH 313.
Cane Creek Unit 28-2	Active well.	Connects to the DHL pipeline. Buried along well access road.
Cane Creek Unit 32-1-25-19	Drilling and completion.	Connects to the CCU 36-1-25-18 gathering line. Buried along well access road.
Cane Creek 36-1-25-18	Drilling and completion.	Connects to the DHL pipeline. Buried along well access road, Mineral Point Road, and upgraded Class D road. Trenched under Mineral Point Road.
Cane Creek Unit 36-1	Active well.	Connects to the DHL pipeline. Surface laid cross-country via cable pull to the CCU 2-1 well pad. Surface laid cross-country via bulldozer pull to the DHL. Trenched under Gemini Bridges Road. Bored beneath SH 313.
Kane Springs Federal 10-1	Active well.	Connects to the CCU 16-2 gathering line. Buried along Class B road.
Kane Springs 19-1A-ST	Active well.	Connects to the CCU 24-1 gathering line. Buried along well access road and Class D road.
Kane Springs Federal 27-1	Active well.	Connects to the CCU 26-2 gathering line. Buried along well access road.
Kane Springs Federal 25-19-34-1	Active well.	Connects to the DHL pipeline. Buried along well access road. Bored beneath SH 313.

¹ The Long Canyon 1 well is not connected because it no longer produces natural gas.

Routine Maintenance and Operations

The gathering lines would operate 24 hours each day, 365 days a year. The Operator would adhere to applicable pipeline operational and maintenance standards. Although not currently planned, the buried section of the gathering lines may be marked along its route with warning signs that would display the contents of the line and the operator's name and emergency contact information. If the installation of signs is necessary to ensure gathering line safety by identifying the route, the Operator will consult with the BLM to determine sign height necessary for safety and visibility.

The gathering line routes would be routinely patrolled and inspected by personnel on foot or in vehicles to check for problems such as erosion, general condition of the surface, unauthorized encroachment, and any other conditions that could cause a safety hazard or require preventive maintenance. At a minimum, an annual line patrol would detect any integrity issues with the surface facilities. The acquired information would be compiled, cataloged, and filed for the life of the pipeline system.

Gathering lines generally require little maintenance. Valves would be exercised regularly to ensure they will seal when needed. If damage to a gathering line would occur, detailed line break and emergency procedures would be followed. A safety manual developed for the DHL pipeline, including an Emergency Response Plan, would apply to the operation of the gathering lines. Standard emergency procedures include notification protocols, response procedures for fires, explosions, facility damage, adverse weather conditions, civil disorders, and vandalism.

The Operator would periodically inspect the pipeline route and other temporary use areas for the presence of noxious weeds during the first two years following construction activities. If noxious weeds are identified, they would be promptly treated and controlled according to the Operator's approved Pesticide Use Proposal. The Operator would utilize spot-spraying of individual plants as the principal method of control rather than broadcast spraying large areas.

Reclamation

Reclamation operations would be performed in conformance with the Operator's Reclamation Plan for the Dead Horse Lateral Pipeline submitted to the Moab FO in July 2013. The Reclamation Plan emphasizes the importance of pre-disturbance planning, with consideration given to vegetation management, soil management, and facility visibility and describes procedures for topsoil salvage and surface preparation for seeding. All equipment and materials not necessary for gathering line operation and maintenance would be removed from the construction corridor after construction is complete. The surfaces of all unpaved Class B and Class D roads would be restored to existing road conditions after construction is finished.

Reclamation after construction would essentially comprise final reclamation. All surface areas affected by gathering line construction and installation would be reclaimed. Immediate reclamation measures would be taken to stabilize disturbed areas, restore topsoil and encourage vegetative cover, and control erosion. The upgraded road would be reclaimed outside of the running surface. Additional areas needed to trench or bore under roads would be reclaimed. Where salvaged, topsoil would be evenly distributed, mulch applied, as available, and the disturbed area aggressively seeded.

All disturbed areas would be seeded using a certified weed-free seed mix intended to provide a self-sustaining plant community consistent with pre-disturbance vegetation. Seeding would be performed immediately after construction operations are complete. Mulch, silt fencing, waddles, hay bales, and other erosion control devices would be used in areas at risk of soil movement from wind and water erosion.

Reclamation would be determined successful when the basal cover of desirable perennial species is representative of baseline survey conditions or at least 75 percent of the basal cover on adjacent or nearby undisturbed areas where vegetation is in a healthy condition. Actions would be taken to ensure that reclamation standards are met as quickly as reasonably practical and are maintained during the life of the project. During the life of the gathering lines, reclaimed areas receiving incidental disturbance during maintenance activities would be reseeded as soon as practical. Reclaimed areas would be monitored semi-annually. Annual monitoring of the gathering line routes would be documented in conjunction with monitoring the condition of the DHL route. The documentation would be submitted to the BLM by May 1. The report would document the extent to which the reclamation objectives are met. If the standards are not met, a timeline for achievement of the objectives without additional actions would be estimated. Alternatively, actions would be identified needed to meet the objectives and standards.

The gathering lines would be decommissioned following the productive lives of all connected wells. The buried pipe would be left in place; however, pig launchers, receivers, and all aboveground valves/infrastructure would be removed. Areas disturbed during infrastructure removal, would be reclaimed as previously described. The routes would be seeded to re-establish native/desired vegetation. Monitoring and inspections would be performed to achieve the desired objectives.

Surface Disturbance

Surface disturbance would result from the gathering line construction corridors and upgrading the Class D road. Where a gathering line would be installed adjacent to a well access road or Class D road, the 14-foot running surface of the access road would be used for construction operations, reducing the effective disturbance corridor along access roads from 30 feet to 16 feet. Although one lane of a Class B road may be used for construction operations where a gathering

line would be installed adjacent to it, the entire 30-foot construction width was conservatively included in the disturbance estimates. The upgraded Class D road would utilize the 14-footwidth of the existing road plus an additional 21 feet. The 35-foot total construction width for this road would include the surface needed to install the adjacent gathering line. The estimates of construction disturbance include the additional areas need to trench or bore under roads. Approximately 2,274 feet of the CCU 7-1 gathering line route would be placed inside the ROW for the DHL pipeline. Surface disturbance for the DHL pipeline was analyzed in DOI-BLM-UT-Y010-2013-067-EA, and this portion of the gathering line system was not included in the estimate of new surface disturbance.

Infrastructure that would be placed on existing well pads and belowground equipment were not included in the disturbance estimates. Each pigging assembly would affect approximately 0.001 acre and each low point drain would affect approximately 0.0002 acre. They would be positioned at various points along the gathering line routes, would not effectively preclude use of the surface, and are therefore considered incidental disturbance because total disturbance from these facilities would be very low.

Long-term disturbance corresponds to the area that would not be reclaimed after gathering line construction. It consists of the aboveground pig valve assemblies and the low point drain connections. A summary of surface disturbance is provided in Table 4.

Table 4: Alternative A - Surface Disturbance Summary (acres)

Gathering Line	Construction Disturbance (acres)	Reclamation (acres)	Long-term Disturbance (acres)
CCU 1-1	0.4	0.4	0
CCU 2-1	0	0	0
CCU 2-1-25-18	0.6	0.6	0
CCU 7-1	3.7	3.7	0
CCU 8-1	1.5	1.5	0
CCU 12-1	1.5	1.5	0
CCU 16-2	20.0	20.0	0
CCU 17-1	2.3	2.3	0
CCU 18-1	0.5	0.5	0
CCU 24-1	2.3	2.3	0
CCU 26-2	5.2	5.2	0
CCU 28-2	0.4	0.4	0
CCU 32-1-25-19	0.9	0.9	0
CCU 36-1-25-18	13.4	13.4	0
CCU 36-1	2.3	2.3	0
Kane Springs Federal 10-1	3.8	3.8	0
Kane Springs 19-1A-ST	4.6	4.6	0
Kane Springs Federal 27-1	0 ¹	0 ¹	0
Kane Springs Federal 25-19-34-1	1.0	1.0	0
Class D Road Upgrade	3.7	3.7	0
Total	68.1	68.1	0

¹ Approximately 0.01 acre.

Project Design Features and Applicant Commitments

Table 5 summarizes the design features that would be incorporated into project execution. They are intended to provide protection to the environmental resources of the project area.

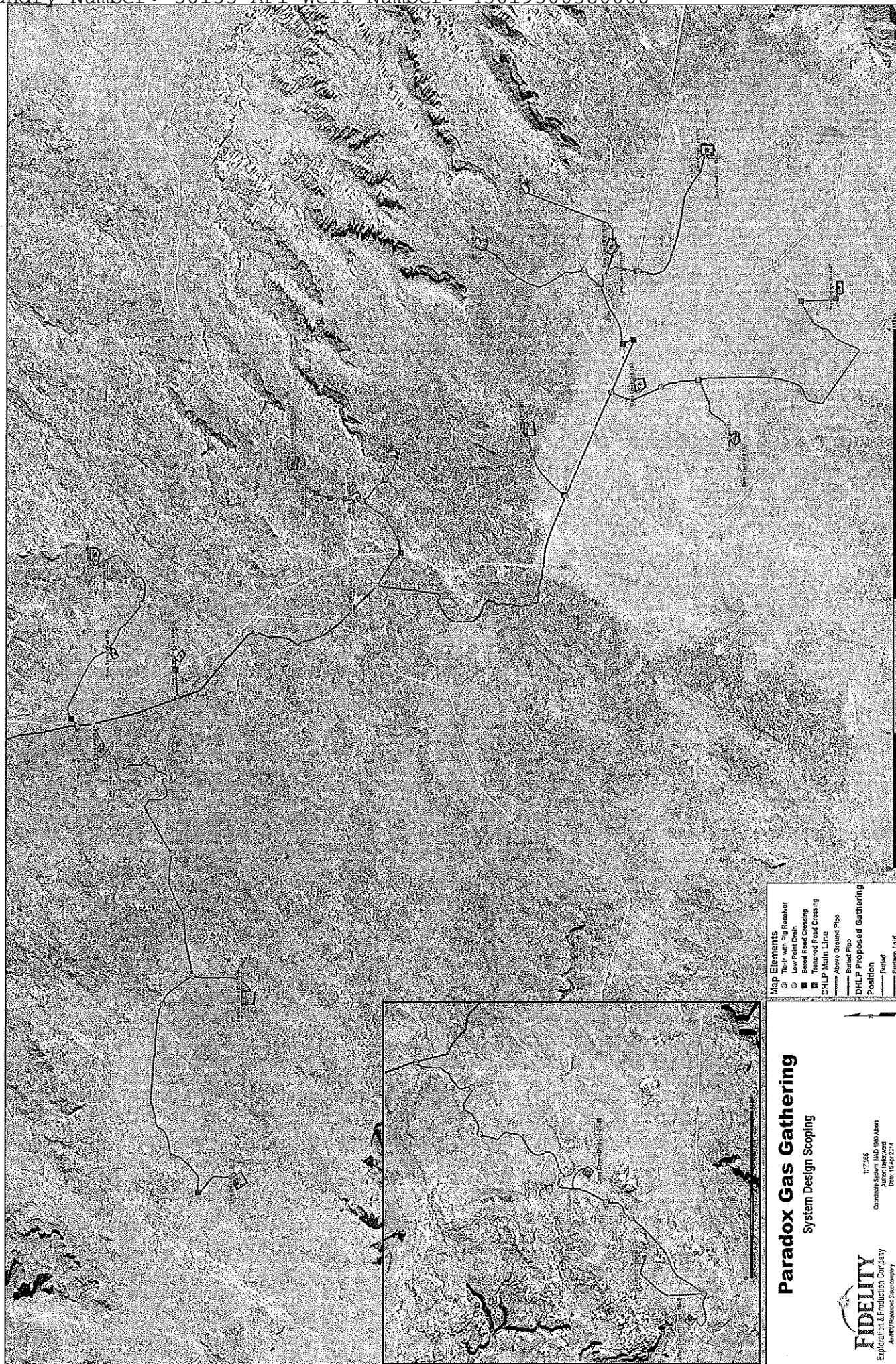
Table 5: Project Design Features and Environmental Protection Measures

Project Design Features
General
The Operator will adhere to all applicable federal, state, county, and BLM regulations, including Conditions of Approval, while performing all operations associated with the Proposed Action.
Construction operations would be conducted in consideration of the <i>Surface Operating Standards for Oil and Gas Exploration and Development, 4th Edition</i> (Gold Book) (USDI and USDA, 2007).
The Operator will follow guidance presented in the BLM publication <i>Hydraulic Considerations for Pipelines Crossing Stream Channels</i> (2007).
The Operator will provide "survey in place" documentation to the BLM to display construction details associated with each gathering line, including surveyed locations and depths of buried pipe.
The Operator will utilize an independent 3 rd -party compliance monitor to ensure that gathering line construction operations would be conducted in accordance with applicable conditions of approval.
The Operator will perform internal inspections of its facilities to ensure that normal operations will be in compliance with the Onshore Orders and other rules and regulations that apply to the project, the Cane Creek Reclamation Plan, and commitments as described in this EA. The Operator will provide an annual report to the BLM describing the progress of its reclamation operations until the BLM agrees that reclamation has been successful.
The Operator will implement hiring policies that would encourage the employment of area residents and, to the extent feasible, will purchase equipment and materials from local area merchants.
Firearms will not be allowed at construction sites, and the Operator's drug, alcohol, and firearms policies will be rigorously enforced.
Access
The Operator will provide a surveyed route to the BLM prior to project approval showing proposed changes to the existing orientation of the Class D road that would be upgraded to bypass the Horsethief Campground.
Where possible, the Operator will utilize the construction corridor of existing access roads for gathering line installation.
The Operator will not inhibit public use of SH 313. Gemini Bridges or Long Canyon Roads may be closed briefly during trench road crossings. Wildlife or livestock movement would not be inhibited.
Where installed adjacent but offset to Class B roads, the Operator will locate the gathering line route as distant from the centerline of the Class B road as possible while saving as many trees as possible. The construction corridor will remain 30 feet wide.
Where installed adjacent to well pad access roads or Class D roads (not maintained by Grand County), the Operator will install the pipeline as close as possible to the access or Class D road.
Where installed below the borrow ditch immediately adjacent to Class B roads, the gathering line will be installed with a minimum of five feet of coverage. A survey "in place" of these lines will confirm the depth below the surface, and will be provided to the BLM and Grand County.
Construction equipment may be left overnight within the construction corridor but would not be parked overnight on Class B roads to ensure public access along these roads.
Air Quality
During construction operations, the Operator will perform dust mitigation with the application of water, as needed.
The Operator will instruct its employees and contractors not to exceed 20 miles per hour on any well access road during construction or normal daily activities to discourage the generation of fugitive dust.
Cultural Resources

Project Design Features
The Operator has conducted Class III cultural resource surveys on undisturbed lands that would be affected by gathering line construction and will avoid all sites determined to be eligible to the National Register of Historic Places. The results of these surveys will be submitted to the BLM.
Construction activities occurring within and near archaeological sites will be monitored by permitted archaeologists. Permitted archaeologists will perform open trench inspection along the entire length of any trenching activities for unexpected discoveries, regardless of the trench location.
Should cultural resources be discovered during construction of the proposed pipeline and associated facilities, all work would stop and the Moab BLM Field Office immediately contacted.
The Operator will prohibit staff and contractors from illegal collection or destruction of cultural resources and will discipline workers violating such policies and laws.
Paleontological Resources
The Operator has conducted a paleontological inventory on State of Utah and BLM lands affected by surface-disturbing activities. The results of the inventory will be submitted to the BLM.
A paleontology monitor would monitor all surface disturbing activities that occur within a Potential Fossil Yield Classification (PFYC) of 5, including the Morrison Formation. Monitoring in areas of PFYC 5 would be performed during ongoing operations, and in some cases extended periods of work may be required, although efforts would be made to complete any fossil recovery with minimal work stoppage. The Mancos Shale would be spot-checked in areas where any trenching or boring is to be done. Spot-check monitoring would be conducted when the Mancos is exposed to view or before pipe is placed and the trench backfilled.
Monitoring would be required for any surface-laid pipe within PFYC 5 areas where there would be blading or grading of the surface more than 12 inches wide AND/OR greater than 1 meter deep. A monitor would spot check for any surface-laid pipe within PFYC 4 areas where there would be blading or grading of the surface more than 12 inches wide AND/OR greater than 1 meter deep.
Areas of PFYC 3 are recommended for spot checks; although this maybe waved in areas that are covered in moderate to deep eolian sediments (3% of the proposed pipeline route is in a PFYC 3 area, with no PFYC 4 currently impacted). These include the Mancos Shale, Navajo Sandstone and the Kayenta Formation. Spot-checking is conducted when the fossil-bearing bedrock is exposed to view or prior to placing spoil material back into the excavation, such as when a pipeline trenching operation is complete but before pipe is placed and the trench backfilled.
Should paleontological resources be discovered during construction of the proposed pipeline and associated facilities, all work would stop and the Moab BLM Field Office immediately contacted.
Recreation and Safety
The Operator will ensure public safety at all times. During construction operations, public access would be maintained on Gemini Bridges and Long Canyon Roads by utilizing just one lane at any particular time so that one lane would remain open, or vehicle traffic would be temporarily routed to detour along the temporary construction ROW. Appropriate controls would be in place during construction within a roadbed or adjacent shoulders of the road to warn the public and control traffic. Traffic cones and "construction zone" signs would be used to warn oncoming traffic of construction operations. Sufficient space would be allowed for passage of a single vehicle. Flagmen would be placed at either end of the work area if visibility is less than 100 yards.
Off-road (cross-country) construction operations, including vehicle movement and travel, will be conducted within the approved temporary construction corridor.

Project Design Features
<p>Although trees will be generally avoided, the Operator will take the following measures to reduce fuel loads and prevent possible fires:</p> <p>While performing construction operations, if any standing live or dead trees were to be damaged, cut down, or knocked over by grading or construction equipment, the Operator will take actions to mitigate the fuel loads from resultant slash. In areas where reclamation of the site would be expected and slash would be utilized to help reclaim the site, the Operator may temporary stockpile slash until termination of this activity.</p> <p>Disposal actions include chipping materials on site with dispersal along the road or pad edge. Disposal of materials will be conducted with the following stipulations:</p> <ol style="list-style-type: none"> The BLM would pre-approve the disposal location. Piled vegetation will not be within 15 feet of standing live trees.
Soils and Vegetation
<p>The Operator will use the reclamation plan developed for the DHL PL to direct reclamation operations on each gathering line to ensure that reclamation operations meet acceptable standards. The Operator will monitor reclamation progress semi-annually and provide the BLM with an annual report detailing reclamation status.</p>
<p>The Operator's reclamation performance goals include:</p> <ul style="list-style-type: none"> Preserving the viable use of topsoil; Re-establishing vegetation; and Minimizing visual impacts resulting from bare ground and the appearance of slopes created during construction operations.
<p>Reclamation of the gathering line construction corridors will begin as soon as practicable after line installation</p>
<p>The Operator will re-distribute topsoil and re-seed as much of a gathering line construction corridor as possible to maintain topsoil viability and revegetate bare ground.</p>
<p>Reclaimed areas above buried gathering lines receiving incidental disturbance during maintenance activities will be reseeded as soon as practical with a seed mix approved by the BLM.</p>
<p>The Operator will power-wash construction equipment prior to entry into the project area.</p>
<p>The Operator will monitor growth of invasive species resulting from surface disturbance caused by project activities and will control weeds by the application of commercial herbicides in accordance with its approved Pesticide Use Proposal.</p>
<p>The Operator will conduct pre-construction briefings during which the field crew would be educated to identify and avoid soil crusts where possible.</p>
Surface Water
<p>The Operator will utilize best management practices for control of nonpoint sources of water pollution to prevent soil erosion, sedimentation, and damage to floodplains of drainages that transport ephemeral water.</p>
Visual Resources
<p>The Operator will paint all permanent aboveground structures (onsite 6 months or longer), constructed or installed, Shale Green or a flat, nonreflective color as determined by the BLM.</p>
<p>The Operator will install low profile in-line pigging valves that are about 1/10 the size of typical pigging valves in order to minimize the visual impacts of surface equipment.</p>
<p>Where aboveground equipment would be located adjacent to a Class B road or SH 313 in VRM II areas, the Operator will place the aboveground gathering line equipment behind trees, shrubs, and rocks, where present, to prevent viewing by travelers on the road as much as possible to assist in maintaining consistency with the VRM II objective which allows activities to be seen but diminishes the likelihood of attracting the attention of a casual observer. Where trees or rocks are not available in the vicinity of aboveground gathering equipment, the Operator will bring in natural materials to place between the Class B road or SH 313 and the equipment to discourage a direct</p>

Project Design Features
view of the equipment.
Existing roads will be used for construction purposes and vehicle access for inspections and maintenance. Using designated routes for construction and inspection purposes would prevent unnecessary and unintended adverse effects to soils, vegetation, and visual resources.
If the installation of signs is necessary to ensure gathering line safety by identifying the route, the Operator will consult with the BLM to determine sign height necessary for safety and visibility.
Wildlife
During the spring of 2014, an approved biological contractor is conducting raptor surveys for the presence of active nests in the vicinity of the proposed gathering line routes. If an active nest is found, applicable spatial and seasonal buffers will be applied to construction operations until the nest is fledged. The results of the survey will be provided to the BLM.
The Operator will any conduct additional biological resource surveys as directed by the BLM.



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-52094
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: FIDELITY E&P COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1700 Lincoln Street Ste 2800 , Denver, CO, 80203		8. WELL NAME and NUMBER: Cane Creek 36-1-25-18
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1113 FSL 1108 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 36 Township: 25.0S Range: 18.0E Meridian: S		9. API NUMBER: 43019500380000
PHONE NUMBER: 720 931-6459 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: GRAND		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/5/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see the attached drilling report for the month of April		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 06, 2014		
NAME (PLEASE PRINT) Joy Gardner	PHONE NUMBER 720 956-5763	TITLE Sr. Engineering Tech
SIGNATURE N/A	DATE 5/6/2014	



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/8/2014

Report #: 1, DFS: -3.10

Daily Depth Progress:

Well Name: Cane Creek 36-1-25-18

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P			Surface Legal Location		
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0		Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0		Kick Off Depth (TVD) (ftKB) 6,796.9

Daily Operations

Report Start Date 4/7/2014 06:00	Report End Date 4/8/2014 06:00	Days From Spud (days) -3.10	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	Daily Depth Progress (ft)
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Operations at Report Time

Wait on Daylight

Operations Summary

Rig down rig equipment. Move Camps to CCU 36-1-25-18. Clean mud pits. Move Shaker Skid, Motors, Fuel Tank, and Koomey Skid, Misc Loads. CCU 32-1, 80% rigged down, 40% moved.

Operations Next Report Period

Rig Up & Tear Down

Weather Sunny and Clear	Wellbore Original Hole
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Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(970) 986-4401
Sam Loreda	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	1	Rig down rig equipment.	110.0	110.0
07:00	5.00	6.00	1	Rig down Camps with Mtn West and CG Electrical. Move Camps to CCU 36-1. Rig down rig equipment. Lower Sub and Derrick. Clean OBM Tanks. Lay down containment liner on CCU 36-1 location.	110.0	110.0
12:00	6.00	12.00	1	Rig up camps on CCU 36-1. Prep for move on CCU 32-1. Move Motors, Koomey, Fuel Tank, MPD equipment, Shaker Skid. Set Shaker Skid in place.	110.0	110.0
18:00	12.00	24.00	22	Rig Idle. Wait on Daylight. TriState Equipment, 1- Bed truck, 1- Forklift, 3- Haul Trucks. 2 - Sterling 170 ton Cranes.	110.0	110.0

Mud Check: <depth>ftKB, <dtm>

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...	Gel (10s) (lb/...	Gel (10m) (lb...	Gel (30m) (lb...	Filtrate (mL/...	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM			ECD - Manual Entr...	T Flowline (°F)		Comment				

Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/9/2014

Report #: 2, DFS: -2.10

Daily Depth Progress:

Well Name: Cane Creek 36-1-25-18

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P			Surface Legal Location		
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0		Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0		Kick Off Depth (TVD) (ftKB) 6,796.9

Daily Operations

Report Start Date 4/8/2014 06:00	Report End Date 4/9/2014 06:00	Days From Spud (days) -2.10	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	Daily Depth Progress (ft)
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Operations at Report Time

Wait on daylight.

Operations Summary

Load out Premix Tank and Mud Tank, Mud Pump Skids, VFD House. Remove derrick. R/D Subbases. Load out Rig Mats. Set Mud Tanks, Generators, Mud Pumps, VFD House, Rig Mats, and Subbases.

CCU 32-1 100% Rigged Down, 90% Moved.

CCU 36-1 60% Rigged Up

Operations Next Report Period

Rig Up & Tear Down

Weather

Sunny and Clear

Wellbore

Original Hole

Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(970) 986-4401
Sam Loredo	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	1	Wait on Daylight.		
07:00	12.00	13.00	1	Held Safety Meeting with Tri-State and Rig Crews. Load out Premix Tank and Mud Tank, Mud Pump Skids, VFD House. Remove derrick. R/D Subbases. Load out Rig Mats. Set Mud Tanks, Mud Pumps, VFD House, Generators, Water Tank. Set Rig mats and Subbases.		
19:00	11.00	24.00	1	Rig Idle. Wait on Daylight. TriState Equipment, 1- Bed truck, 2- Forklift, 4- Haul Trucks, 2 Bed Trucks and 2 - Sterling 170 ton Cranes..		

Mud Check: <depth>ftKB, <dtm>

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...	Gel (10s) (lb/...	Gel (10m) (lb...	Gel (30m) (lb...	Filtrate (mL/...	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM			ECD - Manual Entr...	T Flowline (°F)		Comment				

Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/10/2014

Report #: 3, DFS: -1.10

Daily Depth Progress:

Well Name: Cane Creek 36-1-25-18

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P			Surface Legal Location		
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0		Kick Off Date 4/23/2014		Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9

Daily Operations

Report Start Date 4/9/2014 06:00	Report End Date 4/10/2014 06:00	Days From Spud (days) -1.10	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	Daily Depth Progress (ft)
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Operations at Report Time

Rigging Up

Operations Summary

Pinned Derrick to A-Legs. Installed Board. Raised Derrick. Scoped up Subbase. Set Bar Hoppers, spot MPD Choke Skid. Scope up Derrick. Set Zeco Equipment. Set in Catwalk. Weld on Conductor. Test Run mud pumps. Hung Kelly Hose.

Operations Next Report Period

Trips

Weather
Sunny and Clear

Wellbore
Original Hole

Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(970) 986-4401
Sam Loreda	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	1	Wait on Daylight.		
07:00	5.00	6.00	1	Pinned Derrick to A-Legs. Installed Board. Raised Derrick. Set Bar Hoppers, Zeco Equipment, High Wall Tanks and misc equipment.		
12:00	6.00	12.00	1	Scope up Subbase. Plug in Electric Cords to Rig Floor. M/U Back Diagonal Braces. Set Catwalk. Set Rig Floor Stairs. Set in Conductor. Welder welding on Conductor. Cranes released at 12:00 hrs.		
18:00	6.00	18.00	1	Start Generators. Spool drilling Line on Drum. R/U Bridle Lines. Raised Top Section of Derrick. R/D Bridle Lines. Set V-Door in Place. Test Run Top Drive. Install mud lines. Last Trucks released at 18:00.		
00:00	6.00	24.00	1	M/U Kelly Hose, Bales and elevators. R/U air to rig floor. Install Turnbuckles on Conductor. Shipped water to tanks 6 & 7, test run mud pumps. Installed Valve on Conductor.		

Mud Check: <depth>ftKB, <dtm>

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lb/...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...		T Flowline (°F)	Comment						

Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/11/2014

Report #: 4, DFS: -0.10

Daily Depth Progress:

Well Name: Cane Creek 36-1-25-18

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P			Surface Legal Location		
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0		Kick Off Date 4/23/2014		Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9

Daily Operations

Report Start Date 4/10/2014 06:00	Report End Date 4/11/2014 06:00	Days From Spud (days) -0.10	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	Daily Depth Progress (ft)
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Operations at Report Time

Drilling

Operations Summary

Rig up Drill Floor. Rig up Blooie line. Rig up Air Jammers equipment to the floor. Stage and strap drillpipe, HWDP and collars. Pickup 17 1/2" Hammer, Surface Test.

Operations Next Report Period

Drilling

Weather

Sunny and Clear

Wellbore

Original Hole

Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(970) 986-4401
Sam Loreda	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	1	Rig up Blooie Line from Conductor to Muffler. Rig up Air Jammers equipment to the floor. Stage and Strap drillpipe.	110.0	110.0
12:00	4.00	10.00	1	Receive 13 3/8" casing. Clean and Drift. Troubleshoot Top Drive. Rig up rig floor.	110.0	110.0
16:00	3.00	13.00	6	Picking up 4 1/2" drill pipe & racking in derrick. Accept Rig at 16:00 hrs, 10-Apr-14.	110.0	110.0
19:00	6.00	19.00	6	Picking up 4 1/2" drill pipe & racking in derrick, & 21 jts. of 4 1/2" h.wt.	110.0	110.0
01:00	2.50	21.50	6	Pick up 6 1/2" Drill Collars & Jars, 8" Drill Collars	110.0	110.0
03:30	0.50	22.00	1	Install mouse hole & load hammer bit, hammer & subs on rig floor	110.0	110.0
04:00	2.00	24.00	6	Make up hammer bit & hammer, surface test hammer, test air line to 1270psi.	110.0	110.0

Mud Check: <depth>ftKB, <dtm>

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...	Gel (10s) (lb/...	Gel (10m) (lb...	Gel (30m) (lb...	Filtrate (mL/...	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM			ECD - Manual Entr...	T Flowline (°F)		Comment				

Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/12/2014

Report #: 5, DFS: 0.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 552.00

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P			Surface Legal Location		
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0		Kick Off Depth (TVD) (ftKB) 6,796.9	

Daily Operations

Report Start Date 4/11/2014 06:00	Report End Date 4/12/2014 06:00	Days From Spud (days) 0.90	Start Depth (ftKB) 118.0	End Depth (ftKB) 670.0	Daily Depth Progress (ft) 552.00
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Operations at Report Time

Operations Summary

Finish installing rotating head & rubber, spud well @ 08:30hrs., drill from 118' to 190', survey, drill from 190' to 288', POOH, TIH w/D.C.s, drill from 288' to 506', survey, POOH, TIH w/D.C.s, drill from 506' to 670', work on top drive,

Operations Next Report Period

Drilling

Weather
Sunny and Clear

Wellbore
Original Hole

Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	2.50	2.50	1	Install rotating head bushing on conductor. Stab rotating head rubber on HWDP and install in rotating head.		
08:30	1.50	4.00	2	Spud well at 08:30, 4-11-14. Rotary drill with Hammer from 118 ft to 190'. Air 3000 scfm, Water 18-22 gpm, Soap 5-6 gph. Blow hole clean prior to survey.	118.0	190.0
10:00	0.50	4.50	20	Run single shot survey on Slickline. Survey Depth: 84.91', Inc: 0.0°	190.0	190.0
10:30	1.50	6.00	2	Rotary drill with Hammer from 190 ft to 288'. Air 3000 scfm, Water 18-22 gpm, Soap 5-6 gph, Defoamer 4 gph. Blow hole clean prior to trip out for collars.	190.0	288.0
12:00	3.00	9.00	6	Trip out to 8" Collars. Pull rotating head rubber. Run in hole with 2 stands of 6 1/2" collars. Install rotating head rubber. Install wash plate in catch tank.	288.0	288.0
15:00	3.50	12.50	2	Rotary drill with Hammer from 288' to 506'. Air 3000 scfm, Water 18-22 gpm, Soap 5-6 gph, Defoamer 4gph. Blow hole clean prior to survey	288.0	506.0
18:30	0.50	13.00	10	Survey @ 482' .28°	506.0	506.0
19:00	2.50	15.50	6	POOH 3 stds. H.WT., pull rotating rubber, TIH 3stds. D.C.s, install rotating rubber	506.0	506.0
21:30	2.00	17.50	2	Rotary drill with Hammer from 506' to 670'. Air 3000 scfm, Water 18-22 gpm, Soap 5 gph. Defoamer 4 gph.	506.0	670.0
23:30	6.50	24.00	8	Link tilt not working on top drive, trouble shoot problem, work pipe & cir. with air while working on top drive.	670.0	670.0

Mud Check: <depth>ftKB, <dtm>

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...	Gel (10s) (lb/...	Gel (10m) (lb...	Gel (30m) (lb...	Filtrate (mL/...	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...		T Flowline (°F)	Comment						

Daily Drilling Performance

Depth In (ftKB) 118.0	Depth Out (ft...) 1,195.0	Drilled (ft) 1,077.00	Date In 4/11/2014 08:30	Date Out 4/12/2014 21:30	Drill Time (hr) 20.50	BHA ROP (ft/hr) 52.5	Rot Time (hr) 20.50	Slide Time (hr)	% Slide Time... 100.00	% Rot Time (%)
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/13/2014

Report #: 6, DFS: 1.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 525.00

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P			Surface Legal Location		
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0		Kick Off Depth (TVD) (ftKB) 6,796.9	Total Job Percent Sliding (%) 30.18

Daily Operations

Report Start Date 4/12/2014 06:00	Report End Date 4/13/2014 06:00	Days From Spud (days) 1.90	Start Depth (ftKB) 670.0	End Depth (ftKB) 1,195.0	Daily Depth Progress (ft) 525.00
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Operations at Report Time

Operations Summary

Rig Repair. Drill from 670' -695'. Repair TDU. Drill 695" to 742'. Rig Repair. Drill from 742' to 869'. Survey. Drill from 869' to 973'. Rig Repair. Drill from 973' to 1195'. blow hole clean, survey, short trip. blow hole clean, pump 300bbls. water, POOH, break out bit & hammer, rig up to run casing,

Operations Next Report Period

Nipple up B.O.P.

Weather Sunny and Clear	Wellbore Original Hole
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Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	0.50	0.50	8	Repair top drive. Change controller module.	670.0	670.0
06:30	0.50	1.00	2	Rotary drill with Hammer from 670' to 695. Air 3000 scfm, Water 18-22 gpm, Soap 5 gph. Defoamer 4 gph.	670.0	695.0
07:00	1.00	2.00	8	Repair Top Drive.	695.0	695.0
08:00	1.00	3.00	2	Rotary drill with Hammer from 695' to 742. Air 3000 scfm, Water 18-22 gpm, Soap 5 gph. Defoamer 4 gph.	695.0	742.0
09:00	1.00	4.00	8	Repair Top Drive.	742.0	742.0
10:00	2.50	6.50	2	Rotary drill with Hammer from 742' to 869. Air 3000 scfm, Water 18-22 gpm, Soap 5 gph. Defoamer 4 gph.	742.0	869.0
12:30	0.50	7.00	20	Blow hole clean. Run deviation survey on slickline. Depth: 837', Inc: 0.34°.	869.0	869.0
13:00	2.50	9.50	2	Rotary drill with Hammer from 869' to 973. Air 4800 scfm, Water 18-22 gpm, Soap 5 gph. Defoamer 4 gph.	869.0	973.0
15:30	1.50	11.00	8	Rig Repair. Communication lost from Top Drive to Driller's Console.	973.0	973.0
17:00	4.00	15.00	2	Rotary drill with Hammer from 973' to 1195'. Air 4800 scfm, Water 18-22 gpm, Soap 5 gph. Defoamer 4 gph.	973.0	1,195.0
21:00	1.00	16.00	5	Blow hole clean for trip	1,195.0	1,195.0
22:00	0.50	16.50	10	Survey on slickline, @ 1178', .18°	1,195.0	1,195.0
22:30	1.00	17.50	6	POOH to D.C.s, & TIH to 1195'	1,195.0	1,195.0
23:30	2.00	19.50	5	Blow hole clean & pump 300bbls. water into hole down drill pipe.	1,195.0	1,195.0
01:30	1.50	21.00	6	POOH	1,195.0	1,195.0
03:00	1.00	22.00	6	Pull rotating head. Break out bit & hammer, lay down same.	1,195.0	1,195.0
04:00	1.50	23.50	12	Rig up casing tools to run 13 3/8" surface casing	1,195.0	1,195.0
05:30	0.50	24.00	12	Makeup Float Shoe and Float Collar. Pump through string to check floats, good. Run Collar clamp on first 10 jnts..	1,195.0	1,195.0

Mud Check: <depth>ftKB, <dtm>

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...	Gel (10s) (lb/...	Gel (10m) (lb...	Gel (30m) (lb...	Filtrate (mL/...	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...			T Flowline (°F)		Comment				

Daily Drilling Performance

Depth In (ftKB) 118.0	Depth Out (ft... 1,195.0	Drilled (ft) 1,077.00	Date In 4/11/2014 08:30	Date Out 4/12/2014 21:30	Drill Time (hr) 20.50	BHA ROP (ft/hr) 52.5	Rot Time (hr) 20.50	Slide Time (hr)	% Slide Time... 100.00	% Rot Time (%)
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Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/13/2014

Report #: 6, DFS: 1.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 525.00

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date

Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/14/2014

Report #: 7, DFS: 2.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 0.00

API/UWI 43-019-50038	Excilber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P	Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00	Rig Release Date
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9		

Daily Operations

Report Start Date 4/13/2014 06:00	Report End Date 4/14/2014 06:00	Days From Spud (days) 2.90	Start Depth (ftKB) 1,195.0	End Depth (ftKB) 1,195.0	Daily Depth Progress (ft) 0.00
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Operations at Report Time

Operations Summary

Run 13 3/8" casing., cir. rig up & cement, rig down, nipple down blooie line, cut pipe, top out, weld on A-section & test same, nipple up B-section & BOPs.,

Operations Next Report Period

Drilling

Weather Thunderstorms	Wellbore Original Hole
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Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	2.00	2.00	12	Run 13 3/8" - 54.5 ppf -BTC J-55 casing from 90' to 1195'. Collar clamp on first 10 jnts. Fill when floating. Fill at 935'.	1,195.0	1,195.0
08:00	1.00	3.00	5	Makeup circulating swedge. Fill casing with dirty water from air drilling. Pump 85 spm, 300 gpm, SPP =90 psi. No returns to surface. Rig down B&L casing equipment. Pre Job Safety Meeting with HES and Rig Crew.	1,195.0	1,195.0
09:00	1.00	4.00	12	Pull circulating swedge. Rig up HES Cementing head. Change Bales to 18 ft B&L casing bales to allow casing be moved with cement head installed..	1,195.0	1,195.0
10:00	2.00	6.00	12	Safety meeting, test lines to 3140 psi, mix & pump, 10bbbls. water, 20bbbls. Superflush 101, 10bbbls. water, 186.5bbbls. = 440sk. Lead cement @ 12.3ppg, yield 2.38. 110.9bbbls. Tail cement = 295sk. @ 12.8ppg, yield 2.11. drop plug, displace with 177.4bbbls. water, bump plug with 764psi. = 500 psi over, hold 10mins. bleed off press, got back 1.5 bbls. floats holding. Returns to surface after 326 bbl pumped, 87 bbl cement to surface.	1,195.0	1,195.0
12:00	1.00	7.00	12	Rig down cement head and cement equipment.	1,195.0	1,195.0
13:00	1.50	8.50	1	Nipple down Blooie from 20 in riser. Rough Cut riser and 13 3/8" casing. Cement fell back 40 ft below ground level in 2.5 hrs.	1,195.0	1,195.0
14:30	0.50	9.00	12	Pump 10 bbl = 50sk. 15.6 ppg slurry for Top off. Cement at ground level.	1,195.0	1,195.0
15:00	3.00	12.00	12	Make final cut on 13 3/8" casing. Weld on A-section of Wellhead. Set catwalk out. Stage BOPE for nipple up.	1,195.0	1,195.0
18:00	12.00	24.00	14	Nipple up B-section of well head, spool, BOPs, wing valves, rotating head, control lines, torquing bolts	1,195.0	1,195.0

Mud Check: <depth>ftKB, <dtm>

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lb/...	Gel (10m) (lb...	Gel (30m) (lb...	Filtrate (mL/...	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	PF (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/14/2014

Report #: 7, DFS: 2.90

Daily Depth Progress: 0.00

Well Name: Cane Creek 36-1-25-18

AP/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal				
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date				
Casing & Liners									
Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/15/2014

Report #: 8, DFS: 3.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 0.00

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P			Surface Legal Location		
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9	Total Job Percent Sliding (%) 30.18	

Daily Operations

Report Start Date 4/14/2014 06:00	Report End Date 4/15/2014 06:00	Days From Spud (days) 3.90	Start Depth (ftKB) 1,195.0	End Depth (ftKB) 1,195.0	Daily Depth Progress (ft) 0.00
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Operations at Report Time

TIH

Operations Summary

Complete Nipple up. Test BOPE with Cameron. Change out IBOP, test IBOP & Kelly hose, rig down Cameron testers, Stage Numa tools. Make up Hammer & Bit, Surface test hammer, Trip in hole to drill shoe track.

Operations Next Report Period

Drilling

Weather

Sunny and Clear

Wellbore

Original Hole

Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	5.00	5.00	14	Finish nipple up & torque up bolts on BOPE, function testBOP, dress top drive to test, rig up test truck	1,195.0	1,195.0
11:00	7.00	12.00	15	Testing BOPs, all rams & valves to 250 low & 10,000 high, annular to 250 low & 5000 high. IBOP & DART VALVE FAILED TO TEST.	1,195.0	1,195.0
18:00	5.00	17.00	15	Testing choke manifold 250 low & 10,000 high, stand pipe valves & mud pumps to 250 low & 4500 high, test casing to 1900 psi.	1,195.0	1,195.0
23:00	1.50	18.50	8	Change out IBOP on top drive	1,195.0	1,195.0
00:30	1.50	20.00	15	Test IBOP to 250 low & 10,000 high, test stand pipe & valves 250 low & 4000 high.	1,195.0	1,195.0
02:00	0.50	20.50	22	Set Wear Bushing & lock down with 4 Anchor Lugs.	1,195.0	1,195.0
02:30	2.00	22.50	6	Make up Bit & Hammer, Surface test hammer.	1,195.0	1,195.0
04:30	1.50	24.00	6	Trip In The Hole	1,195.0	1,195.0

Mud Check: <depth>ftKB, <dtm>

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...	Gel (10s) (lb...	Gel (10m) (lb...	Gel (30m) (lb...	Filtrate (mL/...	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM			ECD - Manual Entr...	T Flowline (°F)		Comment				

Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/16/2014

Report #: 9, DFS: 4.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 1,645.00

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P			Surface Legal Location		
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0		Kick Off Depth (TVD) (ftKB) 6,796.9	

Daily Operations

Report Start Date 4/15/2014 06:00	Report End Date 4/16/2014 06:00	Days From Spud (days) 4.90	Start Depth (ftKB) 1,195.0	End Depth (ftKB) 2,840.0	Daily Depth Progress (ft) 1,645.00
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Operations at Report Time

Drilling

Operations Summary

Trip in hole. Drill Shoetrack. & formation to 1530', survey, drill from 1530' to 2071', survey, drill from 2071' to 2359' survey, drill from 2359' to 2,840'

Operations Next Report Period

Drilling

Weather

Sunny and Clear

Wellbore

Original Hole

Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401
Delbert Sullivan	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	0.50	0.50	22	Install rotating rubber	1,195.0	1,195.0
06:30	0.50	1.00	7	Service rig & top drive	1,195.0	1,195.0
07:00	0.50	1.50	3	Wash & ream cement, tag float @ 1,148', drill shoe track to 1,195'	1,195.0	1,195.0
07:30	4.00	5.50	2	Air drilling 12 1/4" hole from 1195' to 1530', air misting, RPM 30, SPP 375 psi, WOB 8k,CFM 3600	1,195.0	1,530.0
11:30	0.50	6.00	10	Survey @ 1500' 0.38*	1,530.0	1,530.0
12:00	6.50	12.50	2	Air drilling 12 1/4" hole from 1530' to 2071', air misting, RPM 30, SPP 375psi, WOB 8k,CFM 3600	1,530.0	2,071.0
18:30	0.50	13.00	10	Survey @ 2041' 0.29*	2,071.0	2,071.0
19:00	3.50	16.50	2	Air drilling 12 1/4" hole from 2071' to 2359', air misting, RPM 30, SPP 400psi, WOB 8k,CFM 3600	2,071.0	2,359.0
22:30	0.50	17.00	10	Survey @ 2328' 0.52*	2,359.0	2,359.0
23:00	3.50	20.50	2	Air drilling 12 1/4" hole from 2359' to 2643', air misting, RPM 30, SPP 400psi, WOB 8k,CFM 3600	2,359.0	2,643.0
02:30	0.50	21.00	10	Survey @ 2616' 0.60*	2,643.0	2,643.0
03:00	3.00	24.00	2	Air drilling 12 1/4" hole from 2,643' to 2,840', air misting, RPM 30, SPP 400 psi, WOB 8k,CFM 3600	2,643.0	2,840.0

Mud Check: <depth>ftKB, <dtm>

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...	Gel (10s) (lb...	Gel (10m) (lb...	Gel (30m) (lb...	Filtrate (mL/...	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM			ECD - Manual Entr...	T Flowline (°F)		Comment				

Daily Drilling Performance

Depth In (ftKB) 1,195.0	Depth Out (ft...) 3,889.0	Drilled (ft) 2,694.00	Date In 4/15/2014 07:30	Date Out 4/17/2014 05:00	Drill Time (hr) 41.50	BHA ROP (ft/hr) 64.9	Rot Time (hr) 41.50	Slide Time (hr)	% Slide Time... 100.00	% Rot Time (%)
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/17/2014

Report #: 10, DFS: 5.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 1,049.00

API/UWI 43-019-50038	Excilber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P	Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00	Rig Release Date
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9		

Daily Operations

Report Start Date 4/16/2014 06:00	Report End Date 4/17/2014 06:00	Days From Spud (days) 5.90	Start Depth (ftKB) 2,840.0	End Depth (ftKB) 3,889.0	Daily Depth Progress (ft) 1,049.00
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Operations at Report Time
Cir.

Operations Summary

Drilling from 2840' to 2931', survey, drill from 2931' to 3220', survey, drill from 3220' to 3505', survey, drill from 3505' to 3794', survey, drill from 3794' to 3889', blow hole clean & cir. water

Operations Next Report Period

Drilling

Weather
Sunny and ClearWellbore
Original Hole

Daily Contacts

Job Contact	Position	Office
Tucker Yancey	Company Man / WSL	(970) 986-4401
Delbert Sullivan	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.50	1.50	2	Air drilling 12 1/4" hole from 2840' to 2,931', air misting, RPM 30, SPP 400psi, WOB 8k,CFM 3600	2,840.0	2,931.0
07:30	0.50	2.00	10	Survey @ 2902' .60*	2,931.0	2,931.0
08:00	5.50	7.50	2	Air drilling 12 1/4" hole from 2,931' to 3220', air misting, RPM 30, SPP 400psi, WOB 8k,CFM 3600	2,931.0	3,220.0
13:30	0.50	8.00	10	Survey @ 3220' .51*	3,220.0	3,220.0
14:00	4.00	12.00	2	Air drilling 12 1/4" hole from 3220' to 3420', air misting, RPM 30, SPP 400psi, WOB 8k,CFM 3600	3,220.0	3,420.0
18:00	1.50	13.50	2	Air drilling 12 1/4" hole from 3420' to 3505', air misting, RPM 30, SPP 400psi, WOB 8k,CFM 3600	3,420.0	3,505.0
19:30	0.50	14.00	10	survey @ 3475' .17*	3,505.0	3,505.0
20:00	6.50	20.50	2	Air drilling 12 1/4" hole from 3505' to 3794', air misting, RPM 35, SPP 500psi, WOB 8k,CFM 4800	3,505.0	3,794.0
02:30	0.50	21.00	10	Survey @ 3764' .49*	3,794.0	3,794.0
03:00	2.00	23.00	2	Air drilling 12 1/4" hole from 3794' to 3889', air misting, RPM 40, SPP 500psi, WOB 8k,CFM 4800	3,794.0	3,889.0
05:00	1.00	24.00	5	Blow hole clean & cir. 400bbls. water	3,889.0	3,889.0

Mud Check: <depth>ftKB, <dtm>

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lb/...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	PF (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

Daily Drilling Performance

Depth In (ftKB) 1,195.0	Depth Out (ft...) 3,889.0	Drilled (ft) 2,694.00	Date In 4/15/2014 07:30	Date Out 4/17/2014 05:00	Drill Time (hr) 41.50	BHA ROP (ft/hr) 64.9	Rot Time (hr) 41.50	Slide Time (hr)	% Slide Time...	% Rot Time (%) 100.00
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/18/2014

Report #: 11, DFS: 6.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 578.00

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P			Surface Legal Location		
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0		Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0		Kick Off Depth (TVD) (ftKB) 6,796.9

Daily Operations

Report Start Date 4/17/2014 06:00	Report End Date 4/18/2014 06:00	Days From Spud (days) 6.90	Start Depth (ftKB) 3,889.0	End Depth (ftKB) 4,467.0	Daily Depth Progress (ft) 578.00
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Operations at Report Time

Drilling

Operations Summary

POOH, service rig, P/U new BHA, TIH, Cir. Drill from 3889' to 4467'

Operations Next Report Period

Run Casing & Cement

Weather

Sunny and Clear

Wellbore

Original Hole

Daily Contacts

Job Contact	Position	Office
Tucker Yancey	Company Man / WSL	(970) 986-4401
Delbert Sullivan	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	6	POOH, lay down hammer, bit, & X-O	3,889.0	3,889.0
12:00	0.50	6.50	7	Service rig & top drive	3,889.0	3,889.0
12:30	1.50	8.00	6	Pick up & make up new bit, mud motor, shock sub, & surface test motor	3,889.0	3,889.0
14:00	2.50	10.50	6	TIH	3,889.0	3,889.0
16:30	1.50	12.00	5	Blow water out of hole & regain cir.	3,889.0	3,889.0
18:00	6.50	18.50	2	Drilling with straight mud motor 12 1/4" hole from 3889' to 4082', SPP 500psi, SPM 20, RPM 70, CFM 3600	3,889.0	4,082.0
00:30	0.50	19.00	10	Survey @ 4050' .11*	4,082.0	4,082.0
01:00	4.00	23.00	2	Drilling with straight mud motor 12 1/4" hole from 4082' to 4467', SPP 730psi, SPM 30, RPM 70, CFM 3600	4,082.0	4,467.0

Mud Check: <depth>ftKB, <dtm>

Date	Depth (ft/KB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/100)	Gel (10s) (lb/100)	Gel (10m) (lb/100)	Gel (30m) (lb/100)	Filtrate (mL/30min)	FC (1/32")	HTHP Filtrate (psi)	HTHP FC (1000psi)
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM			ECD - Manual Entry	T Flowline (°F)		Comment				

Daily Drilling Performance

Depth In (ftKB) 3,889.0	Depth Out (ft...) 4,571.0	Drilled (ft) 682.00	Date In 4/17/2014 19:30	Date Out 4/18/2014 08:00	Drill Time (hr) 11.25	BHA ROP (ft/hr) 60.6	Rot Time (hr) 11.25	Slide Time (hr)	% Slide Time...	% Rot Time (%) 100.00
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/19/2014

Report #: 12, DFS: 7.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 104.00

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P	Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00	Rig Release Date
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9		

Daily Operations

Report Start Date 4/18/2014 06:00	Report End Date 4/19/2014 06:00	Days From Spud (days) 7.90	Start Depth (ftKB) 4,467.0	End Depth (ftKB) 4,571.0	Daily Depth Progress (ft) 104.00
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Operations at Report Time
Cir.

Operations Summary

Drill from 4467't to 4571', cir., survey, short trip, cir. & spot pill, POOH, L/D 8" D.C.s, pull wear bushing, rig up casing tools, safety meeting, M/U shoe track & run 9 5/8" casing, land casing, rig down casing tools, cir.

Operations Next Report Period

Run Casing & Cement

Weather Cloudy	Wellbore Original Hole
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Daily Contacts

Job Contact	Position	Office
Tucker Yancey	Company Man / WSL	(970) 986-4401
Delbert Sullivan	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	2.00	2.00	2	Drill from 4467' to 4571'	4,467.0	4,571.0
08:00	0.50	2.50	5	Blow hole clean	4,571.0	4,571.0
08:30	1.00	3.50	10	Survey @ 4560' 4.68"	4,571.0	4,571.0
09:30	1.00	4.50	5	Blow hole clean	4,571.0	4,571.0
10:30	1.00	5.50	6	Short trip to 3500'. TIH	4,571.0	4,571.0
11:30	2.50	8.00	5	Cir. hole clean, spot LCM pill	4,571.0	4,571.0
14:00	1.50	9.50	6	POOH	4,571.0	4,571.0
15:30	4.00	13.50	6	POOH with BHA, pull rotating rubber, install trip nipple, lay down 8" drill collars, shock sub, mud motor & bit.	4,571.0	4,571.0
19:30	0.50	14.00	22	Pull wear bushing	4,571.0	4,571.0
20:00	1.50	15.50	12	Rig up to run 9 5/8" casing & safety meeting	4,571.0	4,571.0
21:30	7.00	22.50	12	Make up shoe track & running 9 5/8", 47#, P110, BTC casing, run total of 109jts., set @ 4563ft.	4,571.0	4,571.0
04:30	0.50	23.00	12	Land out casing, rig down casing running tools	4,571.0	4,571.0
05:00	1.00	24.00	5	Pump water down casing, attempting to cir.	4,571.0	4,571.0

Mud Check: <depth>ftKB, <dtm>

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lb/...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

Daily Drilling Performance

Depth In (ftKB) 3,889.0	Depth Out (ft...) 4,571.0	Drilled (ft) 682.00	Date In 4/17/2014 19:30	Date Out 4/18/2014 08:00	Drill Time (hr) 11.25	BHA ROP (ft/hr) 60.6	Rot Time (hr) 11.25	Slide Time (hr)	% Slide Time...	% Rot Time (%) 100.00
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/20/2014

Report #: 13, DFS: 8.90

Daily Depth Progress: 0.00

Well Name: Cane Creek 36-1-25-18

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P	Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00	Rig Release Date
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9		

Daily Operations

Report Start Date 4/19/2014 06:00	Report End Date 4/20/2014 06:00	Days From Spud (days) 8.90	Start Depth (ftKB) 4,571.0	End Depth (ftKB) 4,571.0	Daily Depth Progress (ft) 0.00
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Operations at Report Time

P/U pipe

Operations Summary

Cir., R/U & cement, set pack off & test same, top out, N/D boogie line, run gyro, N/U flow line & orbit valve, pick up pipe & rack in derrick, M/U bit, bit sub, TIH with drill collars & Pick up 30jts. H.W.T., P/U drill pipe

Operations Next Report Period

Trips

Weather
Sunny and Clear

Wellbore
Original Hole

Daily Contacts

Job Contact	Position	Office
Tucker Yancey	Company Man / WSL	(970) 986-4401
Delbert Sullivan	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	5	Att. to circ, pump 1 1/5 casing vol.	4,571.0	4,571.0
07:00	0.50	1.50	12	Held safety meeting, rig up cement head & halb. iron	4,571.0	4,571.0
07:30	2.00	3.50	12	Test lines, mix & pump, 10bbls. water spacer, 115.1bbls. = 320skx, @ 13ppg, 2.02 yield, drop plug, displace with 331bbls. fresh water, bump plug with 700psi, held for 10 mins. released press, (float holding) Rig down Halb.	4,571.0	4,571.0
09:30	3.00	6.50	22	Lay down landing jt. pick up pack off, set pack off, test pack off to 3500psi for 15mins. lay down pack off running tool, install wear bushing	4,571.0	4,571.0
12:30	1.00	7.50	12	Mix & pump 5bbls. water, 486sx, 182 bbls. revercem cement, @ 12.8ppg, yield 2.1	4,571.0	4,571.0
13:30	1.50	9.00	14	Nipple down blooie line, move clean harbor tanks, stage flow line into place while cement top job.	4,571.0	4,571.0
15:00	1.00	10.00	10	Rig up & run gyro from 4460' to surface with native navigation. install flow line, while cement top job	4,571.0	4,571.0
16:00	4.50	14.50	14	Finish installing flow line & nipple up orbit valve & x-over	4,571.0	4,571.0
20:30	5.00	19.50	6	Pick up 114jts. of 4 1/2" drill pipe & rack in derrick	4,571.0	4,571.0
01:30	4.00	23.50	6	Make up bit, bit sub w/float, TIH with drill collars, pick 1 more D.C., & 30 H.W.T.	4,571.0	4,571.0
05:30	0.50	24.00	6	Picking up single jts. of drill pipe & running in hole	4,571.0	4,571.0

Mud Check: <depth>ftKB, <dtm>

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lb/...	Gel (10m) (lb...	Gel (30m) (lb...	Filtrate (mL/...	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/21/2014

Report #: 14, DFS: 9.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 34.00

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P	Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00	Rig Release Date
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9		

Daily Operations

Report Start Date 4/20/2014 06:00	Report End Date 4/21/2014 06:00	Days From Spud (days) 9.90	Start Depth (ftKB) 4,571.0	End Depth (ftKB) 4,605.0	Daily Depth Progress (ft) 34.00
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Operations at Report Time

P/U dir. BHA

Operations Summary

Pick up Drill Pipe running in hole, service rig, P/U pipe, test casing, drill float equipment & formation to 4574', circulate & FIT = 18.0 ppg, clean pits, transfer OBM to pits. Displace hole with 13.8+ppg OBM, drill from 4574' to 4605', Circulate & POOH, L/D Drill Collars, P/U Directional BHA.

Operations Next Report Period

Trips

Weather

Cloudy

Wellbore

Original Hole

Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.50	1.50	6	Pick up 4 1/2" drill pipe	4,571.0	4,571.0
07:30	1.00	2.50	7	Service rig, top drive	4,571.0	4,571.0
08:30	2.50	5.00	6	Pick up 4 1/2" drill pipe, & install rotating rubber	4,571.0	4,571.0
11:00	1.50	6.50	22	Rig up camerom & test casint to 4632psi, for 30mins.	4,571.0	4,571.0
12:30	1.00	7.50	6	Pick up 4 1/2" drill pipe, tagged cement @ 4518' (wash from 4500' to 4518')	4,571.0	4,571.0
13:30	1.50	9.00	2	Drill float equip. & formation to 4574'	4,571.0	4,574.0
15:00	0.50	9.50	5	Cir. to clean hole for FIT test	4,574.0	4,574.0
15:30	0.50	10.00	22	FIT test shoe to 2280psi = 18.0ppg	4,574.0	4,574.0
16:00	3.00	13.00	22	Cleaning pits.	4,574.0	4,574.0
19:00	1.50	14.50	5	Transferring oil base mud from tank farm over shaker to pits	4,574.0	4,574.0
20:30	2.00	16.50	5	Displace out out of well with 13.8+ppg oil base mud @ 4BPM	4,574.0	4,574.0
22:30	2.00	18.50	2	Drill from 4574' to 4605' WOB 23k, RPM 120, SPM 75&75, SPP 2700, GPM 525	4,574.0	4,605.0
00:30	0.50	19.00	5	Cir. bottoms up & pump slug	4,605.0	4,605.0
01:00	2.50	21.50	6	POOH	4,605.0	4,605.0
03:30	2.50	24.00	6	Lay down 6" drill collars	4,605.0	4,605.0

Mud Check: 4,587.0ftKB, 4/20/2014 23:30

Date 4/20/2014	Depth (ftKB) 4,587.0	Density (lb/gal) 13.85	Vis (s/qt) 59	PV OR (Pa*s) 21.0	YP OR (lb/1... 13.000	Gel (10s) (lb/... 9.000	Gel (10m) (lb... 13.000	Gel (30m) (lb... 13.000	Filtrate (mL/... 27.0	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1... 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 386,017.00	Pot (mg/L) 0	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio 86.3/13.7	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F) 80.0	Comment							

Daily Drilling Performance

Depth In (ftKB) 4,571.0	Depth Out (ft... 4,605.0	Drilled (ft) 34.00	Date In 4/20/2014 22:30	Date Out 4/21/2014 00:30	Drill Time (hr) 2.00	BHA ROP (ft/hr) 17.0	Rot Time (hr) 2.00	Slide Time (hr)	% Slide Time... 100.00	% Rot Time (%)
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/22/2014

Report #: 15, DFS: 10.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 800.00

API/UWI 43-019-50038	Exciliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P			Surface Legal Location		
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0		Kick Off Depth (TVD) (ftKB) 6,796.9	

Daily Operations

Report Start Date 4/21/2014 06:00	Report End Date 4/22/2014 06:00	Days From Spud (days) 10.90	Start Depth (ftKB) 4,605.0	End Depth (ftKB) 5,405.0	Daily Depth Progress (ft) 800.00
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Operations at Report Time

Drilling ahead

Operations Summary

make up dir. BHA, TIH, wash & ream, Drill from 4605' to 5405'

Operations Next Report Period

Drilling

Weather

Sunny and Clear

Wellbore

Original Hole

Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	3.00	3.00	6	Pick up & make up Directional BHA, & surface test same	4,605.0	4,605.0
09:00	3.00	6.00	6	TIH to 4570'	4,605.0	4,605.0
12:00	1.00	7.00	3	Wash & ream from 4570' to 4605'	4,605.0	4,605.0
13:00	5.00	12.00	2	Rotate & slide drilling 8 1/2" hole from 4605' to 4792', WOB 5/11K, SPM 75/75, SPP 3400 psi, Pump rate 525 gpm, RPM 45	4,605.0	4,792.0
18:00	6.00	18.00	2	Rotate & slide drilling 8 1/2" hole from 4792' to 5011', WOB 5/11K, SPM 75/75, SPP 3400 psi, Pump rate 525 gpm, RPM 45	4,792.0	5,011.0
00:00	6.00	24.00	2	Rotate & slide drilling 8 1/2" hole from 5011' to 5405', WOB 5/11K, SPM 75/75, SPP 3400 psi, Pump rate 525 gpm, RPM 45	5,011.0	5,405.0

Mud Check: 4,715.0ftKB, 4/21/2014 15:00

Date 4/21/2014	Depth (ftKB) 4,715.0	Density (lb/gal) 13.90	Vis (s/qt) 54	PV OR (Pa*s) 20.0	YP OR (lb/1... 13.000	Gel (10s) (lbf... 9.000	Gel (10m) (lb... 13.000	Gel (30m) (lb... 	Filtrate (mL/... 	FC (1/32") 	HTHP Filtrat... 2.0	HTHP FC (1... 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 386,017.00	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 27.0	CaCl (ppm)	Oil Water Ratio 86.3/13.7	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl) 24.0	LCM			ECD - Manual Entr...	T Flowline (°F) 84.0	Comment					

Mud Check: 5,080.0ftKB, 4/21/2014 23:45

Date 4/21/2014	Depth (ftKB) 5,080.0	Density (lb/gal) 13.80	Vis (s/qt) 45	PV OR (Pa*s) 23.0	YP OR (lb/100) 15.000	Gel (10s) (lb/100) 8.000	Gel (10m) (lb/100) 13.000	Gel (30m) (lb/100) 2.0	Filtrate (mL/30s) 26.0	FC (1/32") 2.0	HTHP Filtrate (psi) 2.0	HTHP FC (1/32") 2.0
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 368,034.00	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 26.0	CaCl (ppm)	Oil Water Ratio 86.5/13.5	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl) 43.0	LCM	ECD - Manual Entry		T Flowline (°F) 85.0	Comment						

Daily Drilling Performance

Depth In (ftKB) 4,605.0	Depth Out (ft... 7,667.0	Drilled (ft) 3,062.00	Date In 4/21/2014 13:15	Date Out 4/24/2014 21:10	Drill Time (hr) 69.01	BHA ROP (ft/hr) 44.4	Rot Time (hr) 31.01	Slide Time (hr) 38.00	% Slide Time... 55.06	% Rot Time (%) 44.94
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/23/2014

Report #: 16, DFS: 11.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 1,536.00

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P			Surface Legal Location		
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0		Kick Off Depth (TVD) (ftKB) 6,796.9	

Daily Operations

Report Start Date 4/22/2014 06:00	Report End Date 4/23/2014 06:00	Days From Spud (days) 11.90	Start Depth (ftKB) 5,405.0	End Depth (ftKB) 6,941.0	Daily Depth Progress (ft) 1,536.00
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Operations at Report Time

Drilling ahead

Operations Summary

Drilling from 5405' to 6941'

Operations Next Report Period

Drilling

Weather

Sunny and Clear

Wellbore

Original Hole

Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	2	Rotate & slide from 5405' to 5750', WOB 16/23k, SPM 75/75, SPP 3500psi, RPM 45, BOP drill 1min 15sec.	5,405.0	5,750.0
12:00	6.00	12.00	2	Rotate & slide from 5750' to 6200', WOB 16/23k, SPM 75/75, SPP 3500psi, RPM 45, BOP drill 1min 15sec.	5,750.0	6,200.0
18:00	6.00	18.00	2	Rotate & slide from 6200' to 6700', WOB 16/23k, SPM 75/75, SPP 3500psi, RPM 45,	6,200.0	6,700.0
00:00	6.00	24.00	2	Rotate & slide from 6700' to 6941', WOB 16/23k, SPM 75/75, SPP 3500psi, RPM 45, BOP drill 45sec.	6,700.0	6,941.0

Mud Check: 6,010.0ftKB, 4/22/2014 15:00

Date 4/22/2014	Depth (ftKB) 6,010.0	Density (lb/gal) 13.90	Vis (s/qt) 47	PV OR (Pa*s) 23.0	YP OR (lb/1...) 14.000	Gel (10s) (lb...) 11.000	Gel (10m) (lb...) 15.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HTHP Filtrat... 2.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 366,882.00	Pot (mg/L) 0	Lime (lb/bbl)	Solids (%) 27.0	CaCl (ppm)	Oil Water Ratio 86.3/13.7	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl) 39.0	LCM	ECD - Manual Entr...		T Flowline (°F) 88.0	Comment						

Mud Check: <depth>ftKB, 4/22/2014 23:30

Date 4/22/2014	Depth (ftKB)	Density (lb/gal) 13.90	Vis (s/qt) 46	PV OR (Pa*s) 23.0	YP OR (lb/1...) 16.000	Gel (10s) (lb...) 8.000	Gel (10m) (lb...) 13.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HTHP Filtrat... 2.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 367,466.00	Pot (mg/L) 0	Lime (lb/bbl)	Solids (%) 26.0	CaCl (ppm)	Oil Water Ratio 86.5/13.5	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl) 29.0	LCM	ECD - Manual Entr...		T Flowline (°F) 90.0	Comment						

Daily Drilling Performance

Depth In (ftKB) 4,605.0	Depth Out (ft...) 7,667.0	Drilled (ft) 3,062.00	Date In 4/21/2014 13:15	Date Out 4/24/2014 21:10	Drill Time (hr) 69.01	BHA ROP (ft/hr) 44.4	Rot Time (hr) 31.01	Slide Time (hr) 38.00	% Slide Time... 55.06	% Rot Time (%) 44.94
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/24/2014

Report #: 17, DFS: 12.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 519.00

API/UWI 43-019-50038	Exciliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P	Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00	Rig Release Date
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9		

Daily Operations

Report Start Date 4/23/2014 06:00	Report End Date 4/24/2014 06:00	Days From Spud (days) 12.90	Start Depth (ftKB) 6,941.0	End Depth (ftKB) 7,460.0	Daily Depth Progress (ft) 519.00
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Operations at Report Time

Drilling ahead

Operations Summary

Drilling curve from 6941' to 7460'

Operations Next Report Period

Drilling

Weather

Sunny and Clear

Wellbore

Original Hole

Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.50	1.50	2	slide from 6941' to 6995', WOB 22k, RPM 45, SPM 74/74, SPP 3600psi	6,941.0	6,995.0
07:30	0.50	2.00	7	service rig & top drive	6,995.0	6,995.0
08:00	4.00	6.00	2	slide & rotate from 6995' to 7074', WOB 22k, RPM 45, SPM 74/74, SPP 3600psi	6,995.0	7,074.0
12:00	6.00	12.00	2	slide & rotate from 7074' to 7155', WOB 22k, RPM 45, SPM 74/74, SPP 3600psi. BOP drill 45sec.	7,074.0	7,155.0
18:00	6.00	18.00	2	slide & rotate from 7155' to 7285', WOB 22k, RPM 45, SPM 74/74, SPP 3600psi	7,155.0	7,285.0
00:00	6.00	24.00	2	slide & rotate from 7285' to 7460', WOB 22k, RPM 45, SPM 74/74, SPP 3600psi BOP drill 40sec.	7,285.0	7,460.0

Mud Check: 7,114.0ftKB, 4/23/2014 14:00

Date 4/23/2014	Depth (ftKB) 7,114.0	Density (lb/gal) 14.00	Vis (s/qt) 46	PV OR (Pa.s) 22.0	YP OR (lb/100) 14.000	Gel (10s) (lb/100) 10.000	Gel (10m) (lb/100) 14.000	Gel (30m) (lb/100)	Filtrate (mL/30min) 27.0	FC (1/32") 2.0	HTHP Filtrate (psi) 2.0	HTHP FC (1000psi) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 37,000.000	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 27.0	CaCl (ppm)	Oil Water Ratio 86.5/13.5	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 45.0	ECD - Manual Entr...	T Flowline (°F)	Comment							

Mud Check: <depth>ftKB, 4/23/2014 23:30

Date 4/23/2014	Depth (ftKB) 14.10	Density (lb/gal) 14.10	Vis (s/qt) 46	PV OR (Pa.s) 24.0	YP OR (lb/100) 12.000	Gel (10s) (lb/100) 9.000	Gel (10m) (lb/100) 14.000	Gel (30m) (lb/100)	Filtrate (mL/30min) 28.0	FC (1/32") 2.0	HTHP Filtrate (psi) 2.0	HTHP FC (1000psi) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 39,669.000	Calcium (mg/L) 13,600.000	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 28.0	CaCl (ppm)	Oil Water Ratio 87.5/12.5	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 18.0	ECD - Manual Entr...	T Flowline (°F)	Comment							

Daily Drilling Performance

Depth In (ftKB) 4,605.0	Depth Out (ftKB) 7,667.0	Drilled (ft) 3,062.00	Date In 4/21/2014 13:15	Date Out 4/24/2014 21:10	Drill Time (hr) 69.01	BHA ROP (ft/hr) 44.4	Rot Time (hr) 31.01	Slide Time (hr) 38.00	% Slide Time... 55.06	% Rot Time (%) 44.94
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/25/2014

Report #: 18, DFS: 13.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 207.00

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P	Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00	Rig Release Date
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9		

Daily Operations

Report Start Date 4/24/2014 06:00	Report End Date 4/25/2014 06:00	Days From Spud (days) 13.90	Start Depth (ftKB) 7,460.0	End Depth (ftKB) 7,667.0	Daily Depth Progress (ft) 207.00
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Operations at Report Time

Trip out of hole.

Operations Summary

Drilled Curve from 7,460' to 7,667' End of Curve. Circulated hole clean, pumped dry job. Wiper trip from 7,667' to 6,325', circulate/ream out from 7,667' to 6,800' due to pulling tight, hole pulled free from 6,800' to 6,325'. Trip in hole to 7,378' wash down to 7,667'. Circulate hole clean. Pump dry job. POOH.

Operations Next Report Period

Wire Line Logs

Weather
Sunny and Clear

Wellbore
Original Hole

Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Sam Loreda	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	5.50	5.50	2	Slide & Rotate from 7,460' to 7,571', WOB 0- 22K, RPM 45, SPM 74/74, SPP 3600psi.	7,460.0	7,571.0
11:30	0.50	6.00	9	Serviced Rig & Top Drive.	7,571.0	7,571.0
12:00	6.00	12.00	2	Slide & Rotate from 7,571' to 7,650', WOB 0-22K, RPM 45, SPM 74/74, SPP 3600 psi.	7,571.0	7,650.0
18:00	1.50	13.50	2	Rotate from 7,650' to 7,667' end of curve section. WOB 0-22K, RPM 45, SPM 74/74, SPP 3600 psi.	7,650.0	7,667.0
19:30	1.50	15.00	5	Circulated hole clean. Pumped dry job.	7,667.0	7,667.0
21:00	3.50	18.50	6	Circulated out of hole to wipe hole from 7,667' to 6,800' due to tight hole. Pulled free on elevators from 6,800' to 6,325'.	7,667.0	7,667.0
00:30	1.50	20.00	6	Trip in hole to 7,380' and hit tight spot. Washed and reamed from 7,380' to 7,667'.	7,667.0	7,667.0
02:00	1.50	21.50	5	Circulated 2 X Bottoms Up. Pumped dry job.	7,667.0	7,667.0
03:30	2.50	24.00	6	Trip out of hole from 7,667', no tight spots in curve encountered. Held Trip Drill, men in position in 2 min 13 seconds.	7,667.0	7,667.0

Mud Check: 7,606.0ftKB, 4/24/2014 14:00

Date 4/24/2014	Depth (ftKB) 7,606.0	Density (lb/gal) 14.50	Vis (s/qt) 45	PV OR (Pa*s) 23.0	YP OR (lb/1...) 14.000	Gel (10s) (lb...) 10.000	Gel (10m) (lb...) 14.000	Gel (30m) (lb...) 14.000	Filtrate (mL/...) 30.0	FC (1/32") 2.0	HTHP Filtrat... 2	HTHP FC (1... 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 38,000.000	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 30.0	CaCl (ppm)	Oil Water Ratio 87.1/12.9	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 14.0	ECD - Manual Entr... 108.0	T Flowline (°F)	Comment							

Mud Check: <depth>ftKB, 4/24/2014 23:59

Date 4/24/2014	Depth (ftKB) 14.50	Density (lb/gal) 45	Vis (s/qt) 26.0	PV OR (Pa*s) 15.000	YP OR (lb/1...) 10.000	Gel (10s) (lb...) 14.000	Gel (10m) (lb...) 14.000	Gel (30m) (lb...) 14.000	Filtrate (mL/...) 30.0	FC (1/32") 2.0	HTHP Filtrat... 2	HTHP FC (1... 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 372,363.00	Calcium (mg/L) 14,000.000	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 30.0	CaCl (ppm)	Oil Water Ratio 87.1/12.9	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 3.0	ECD - Manual Entr... 109.0	T Flowline (°F)	Comment							

Daily Drilling Performance

Depth In (ftKB) 4,605.0	Depth Out (ft...) 7,667.0	Drilled (ft) 3,062.00	Date In 4/21/2014 13:15	Date Out 4/24/2014 21:10	Drill Time (hr) 69.01	BHA ROP (ft/hr) 44.4	Rot Time (hr) 31.01	Slide Time (hr) 38.00	% Slide Time... 55.06	% Rot Time (%) 44.94
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/25/2014

Report #: 18, DFS: 13.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 207.00

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date

Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/26/2014

Report #: 19, DFS: 14.90

Daily Depth Progress: 0.00

Well Name: Cane Creek 36-1-25-18

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P	Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00	Rig Release Date
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9		

Daily Operations

Report Start Date 4/25/2014 06:00	Report End Date 4/26/2014 06:00	Days From Spud (days) 14.90	Start Depth (ftKB) 7,667.0	End Depth (ftKB) 7,667.0	Daily Depth Progress (ft) 0.00
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Operations at Report Time

M/U Lateral BHA

Operations Summary

POOH. LD BHA. R/U Schlumberger and run logs. R/D Schlumberger. R/U Baker, ran CBL. R/D Logging Equip. M/U Lateral BHA.

Operations Next Report Period

Drilling

Weather

Cloudy

Wellbore

Original Hole

Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Sam Loreda	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	0.50	0.50	6	Remove Rotating Head Bushing. Install Trip Nipple.	7,667.0	7,667.0
06:30	1.50	2.00	6	Trip out of hole from 2,684' to BHA.	7,667.0	7,667.0
08:00	2.00	4.00	6	L/D XO, NMDC, MWD, DPM, Pony NMDC, and sub. Drained Motor, broke off bit. Lay down Motor.	7,667.0	7,667.0
10:00	1.50	5.50	11	Held PJSM with Schlumberger. R/U Lubricator and Logging Equipment.	7,667.0	7,667.0
11:30	4.50	10.00	11	M/U Triple Combo Logging Tools and logged 8-1/2" Curve. F/ 7580' to csg. shoe, L/D Triple Combo Logging Tools.	7,667.0	7,667.0
16:00	7.00	17.00	11	M/U OBM Sonic Scanner Logging tools, Logged F/ 7550' to csg. shoe.	7,667.0	7,667.0
23:00	1.50	18.50	11	Held PJSM with Baker Logging Crew. R/U Logging Equipment.	7,667.0	7,667.0
00:30	4.50	23.00	11	Ran CBL on 9-5/8" Casing. R/D Logging Tools and Equipment. R/D Lubricator.	7,667.0	7,667.0
05:00	1.00	24.00	6	M/U Lateral BHA.	7,667.0	7,667.0

Mud Check: <depth>ftKB, 4/25/2014 14:00

Date 4/25/2014	Depth (ftKB) 7,667.0	Density (lb/gal) 14.50	Vis (s/qt) 45	PV OR (Pa*s) 26.0	YP OR (lb/100) 14.000	Gel (10s) (lb/100) 10.000	Gel (10m) (lb/100) 14.000	Gel (30m) (lb/100)	Filtrate (mL/30min) 30.0	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1000psi) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 37,000.000	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 30.0	CaCl (ppm)	Oil Water Ratio 87.1/12.9	
Mud Lost (Hole) (bbl) 3.0	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr... T Flowline (°F)	Comment								

Mud Check: 7,667.0ftKB, 4/25/2014 14:00

Date 4/25/2014	Depth (ftKB) 7,667.0	Density (lb/gal) 14.50	Vis (s/qt) 45	PV OR (Pa*s) 26.0	YP OR (lb/100) 14.000	Gel (10s) (lb/100) 10.000	Gel (10m) (lb/100) 14.000	Gel (30m) (lb/100)	Filtrate (mL/30min) 30.0	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1000psi) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 37,000.000	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 30.0	CaCl (ppm)	Oil Water Ratio 87.1/12.9	
Mud Lost (Hole) (bbl) 5.0	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr... T Flowline (°F)	Comment								

Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/27/2014

Report #: 20, DFS: 15.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 193.00

API/UWI 43-019-50038	Excalibur ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P	Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00	Rig Release Date
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9		

Daily Operations

Report Start Date 4/26/2014 06:00	Report End Date 4/27/2014 06:00	Days From Spud (days) 15.90	Start Depth (ftKB) 7,667.0	End Depth (ftKB) 7,860.0	Daily Depth Progress (ft) 193.00
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Operations at Report Time

Drill 8-1/2" Lateral Section

Operations Summary

M/U Lateral BHA. TIH to shoe. Cut and slip drill line. Work on top drive. TIH to 7527', log from 7,527' to 7,667', Drilled 8-1/2" Lateral from 7,667' to 7,860'.

Operations Next Report Period

Drilling

Weather Rain	Wellbore Original Hole
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Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Sam Loreda	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	6	M/U Mud Motor, Float Sub, PZIG UXM, DPM, NMDC and XO. Orient and scribe assembly.	7,667.0	7,667.0
07:00	0.50	1.50	9	Service Mud Pump # 1.	7,667.0	7,667.0
07:30	1.50	3.00	6	Surface Test MWD. M/U Pzig LXM and Bit. M/U Lateral BHA.	7,667.0	7,667.0
09:00	2.00	5.00	6	Trip in hole to 4,494'.	7,667.0	7,667.0
11:00	0.50	5.50	6	Removed Trip Nipple and Installed Rotating Head Bushing.	7,667.0	7,667.0
11:30	1.00	6.50	6	Trip in 2 stands to get below shoe of 9-5/8" Casing. Test Pzig Tools.	7,667.0	7,667.0
12:30	1.00	7.50	6	Trip out 2 stands. Removed Rotating Head Bushing and install Trip Nipple.	7,667.0	7,667.0
13:30	1.50	9.00	21	Slipped and cut off 70 ft of Drilling Line.	7,667.0	7,667.0
15:00	0.50	9.50	9	Serviced Top Drive and repaired leak.	7,667.0	7,667.0
15:30	1.50	11.00	6	Trip in hole from 4,494' to 6,920'.	7,667.0	7,667.0
17:00	1.00	12.00	6	Removed Trip Nipple, Installed new bowl gasket and Rotating Head Bushing.	7,667.0	7,667.0
18:00	0.50	12.50	6	Trip in hole from 6,920' to 7,527'.	7,667.0	7,667.0
18:30	2.00	14.50	10	Logged down with iPZIG from 7,527' to 7,667'.	7,667.0	7,667.0
20:30	3.50	18.00	2	Drilled 8-1/2" Hole from 7,667' to 7,707', WOB 0-22K, RPM 20, SPM 62/62, 434 GPM, SPP 3500 psi. BG 80-110 Units.	7,667.0	7,707.0
00:00	6.00	24.00	2	Drilled 8-1/2" Hole from 7,707' to 7,860', WOB 0-22K, RPM 35, 448 GPM, SPP 3800 psi. BG 80-110 Units. BOP Drill, Men at Stations in 36 Seconds.	7,707.0	7,860.0

Mud Check: <depth>ftKB, 4/26/2014 14:00

Date 4/26/2014	Depth (ftKB) 7,667.0	Density (lb/gal) 14.80	Vis (s/qt) 54	PV OR (Pa*s) 25.0	YP OR (lb/100) 17.000	Gel (10s) (lb/100) 9.000	Gel (10m) (lb/100) 14.000	Gel (30m) (lb/100)	Filtrate (mL/100) 31.0	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1... 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 39,485.000	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 31.0	CaCl (ppm)	Oil Water Ratio 87/13	
Mud Lost (Hole) (bbl) 0.0	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

Mud Check: 7,667.0ftKB, 4/26/2014 14:00

Date 4/26/2014	Depth (ftKB) 7,667.0	Density (lb/gal) 14.50	Vis (s/qt) 48	PV OR (Pa*s) 25.0	YP OR (lb/100) 17.000	Gel (10s) (lb/100) 10.000	Gel (10m) (lb/100) 14.000	Gel (30m) (lb/100)	Filtrate (mL/100) 30.0	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1... 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 38,000.000	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 30.0	CaCl (ppm)	Oil Water Ratio 87.1/12.9	
Mud Lost (Hole) (bbl) 5.0	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

Daily Drilling Performance

Depth In (ftKB) 7,667.0	Depth Out (ft... 11,961.0	Drilled (ft) 4,294.00	Date In 4/26/2014 18:25	Date Out 5/1/2014 06:00	Drill Time (hr) 94.62	BHA ROP (ft/hr) 45.4	Rot Time (hr) 60.53	Slide Time (hr) 34.09	% Slide Time... 36.03	% Rot Time (%) 63.97
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Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/27/2014

Report #: 20, DFS: 15.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 193.00

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date

Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/28/2014

Report #: 21, DFS: 16.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 1,320.00

API/UWI 43-019-50038	Excilber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P	Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00	Rig Release Date
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9		

Daily Operations

Report Start Date 4/27/2014 06:00	Report End Date 4/28/2014 06:00	Days From Spud (days) 16.90	Start Depth (ftKB) 7,860.0	End Depth (ftKB) 9,180.0	Daily Depth Progress (ft) 1,320.00
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Operations at Report Time

Drill 8-1/2" Lateral Section

Operations Summary

Drilled 8-1/2" Lateral Section from 7,860' to 9,180'.

Operations Next Report Period

Drilling

Weather

Cloudy

Wellbore

Original Hole

Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Sam Loreda	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	2	Drilled 8-1/2" Hole from 7,860' to 8,248', WOB 0-22K, RPM 35, 448 GPM, SPP 3800 psi. BG 80-110 Units.	7,860.0	8,248.0
12:00	6.00	12.00	2	Drilled 8-1/2" Hole from 8,248' to 8,549', WOB 0-22K, RPM 35, 448 GPM, SPP 3900 psi. BG 30-80 Units. BOP Drill, Men at Stations in 45 Seconds.	8,248.0	8,549.0
18:00	6.00	18.00	2	Drilled 8-1/2" Hole from 8,549' to 8,909', WOB 0-22K, RPM 35, 448 GPM, SPP 3900 psi. BG 30-80 Units.	8,549.0	8,909.0
00:00	6.00	24.00	2	Drilled 8-1/2" Hole from 8,909' to 9,180', WOB 0-22K, RPM 35, 448 GPM, SPP 3950 psi. BG 30-80 Units. BOP Drill, Men at Stations in 33 Seconds.	8,909.0	9,180.0

Mud Check: 8,343.0ftKB, 4/27/2014 14:00

Date 4/27/2014	Depth (ftKB) 8,343.0	Density (lb/gal) 14.80	Vis (s/qt) 50	PV OR (Pa*s) 27.0	YP OR (lb/100) 15.000	Gel (10s) (lb/100) 12.000	Gel (10m) (lb/100) 15.000	Gel (30m) (lb/100)	Filtrate (mL/30s) 31.0	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1000) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 37,000.000	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 31.0	CaCl (ppm)	Oil Water Ratio 87/13	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 33.0	ECD - Manual Entr... 104.0	T Flowline (°F)	Comment							

Mud Check: <depth>ftKB, 4/27/2014 23:30

Date 4/27/2014	Depth (ftKB) 14.90	Density (lb/gal) 14.80	Vis (s/qt) 50	PV OR (Pa*s) 28.0	YP OR (lb/100) 16.000	Gel (10s) (lb/100) 12.000	Gel (10m) (lb/100) 15.000	Gel (30m) (lb/100)	Filtrate (mL/30s) 33.0	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1000) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 390,230.000	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 33.0	CaCl (ppm)	Oil Water Ratio 88.1/11.9	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 0.0	ECD - Manual Entr... 104.0	T Flowline (°F)	Comment							

Daily Drilling Performance

Depth In (ftKB) 7,667.0	Depth Out (ft...) 11,961.0	Drilled (ft) 4,294.00	Date In 4/26/2014 18:25	Date Out 5/1/2014 06:00	Drill Time (hr) 94.62	BHA ROP (ft/hr) 45.4	Rot Time (hr) 60.53	Slide Time (hr) 34.09	% Slide Time... 36.03	% Rot Time (%) 63.97
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/29/2014

Report #: 22, DFS: 17.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 924.00

API/UWI 43-019-50038	Excilber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P	Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00	Rig Release Date
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9		

Daily Operations

Report Start Date 4/28/2014 06:00	Report End Date 4/29/2014 06:00	Days From Spud (days) 17.90	Start Depth (ftKB) 9,180.0	End Depth (ftKB) 10,104.0	Daily Depth Progress (ft) 924.00
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Operations at Report Time

Drill 8-1/2" Lateral Section.

Operations Summary

Drilled 8-1/2" Lateral Section from 9180' to 10,104'.

Operations Next Report Period

Drilling

Weather

Cloudy

Wellbore

Original Hole

Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Sam Loredo	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	2	Drilled 8-1/2" Hole from 9,180' to 9,445', WOB 0-22K, RPM 35, 448 GPM, SPP 3950 psi. BG 30-80 Units. Mud Wt 14.8	9,180.0	9,445.0
12:00	6.00	12.00	2	Drilled 8-1/2" Hole from 9,445' to 9,726', WOB 0-22K, RPM 35, 448 GPM, SPP 3950 psi. BG 30-80 Units. Mud Wt 14.8 BOP Drill, Men at Stations in 45 Seconds.	9,445.0	9,726.0
18:00	6.00	18.00	2	Drilled 8-1/2" Hole from 9,726' to 9,917', WOB 0-22K, RPM 35, 448 GPM, SPP 3950 psi. BG 30-80 Units. Mud Wt 14.9	9,726.0	9,917.0
00:00	6.00	24.00	2	Drilled 8-1/2" Hole from 9,917' to 10,104', WOB 0-22K, RPM 35, 448 GPM, SPP 3950 psi. BG 20-40 Units. Mud Wt 14.9 - 14.7 BOP Drill. Men at Stations 32 Seconds.	9,917.0	10,104.0

Mud Check: 9,561.0ftKB, 4/28/2014 14:00

Date 4/28/2014	Depth (ftKB) 9,561.0	Density (lb/gal) 14.80	Vis (s/qt) 52	PV OR (Pa*s) 27.0	YP OR (lb/100) 18.000	Gel (10s) (lb/100) 13.000	Gel (10m) (lb/100) 16.000	Gel (30m) (lb/100)	Filtrate (mL/30s) 31.0	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1... 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 38,000.000	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 31.0	CaCl (ppm)	Oil Water Ratio 87/13	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 23.0	ECD - Manual Entr... T Flowline (°F)		Comment							

Mud Check: <depth>ftKB, 4/28/2014 23:58

Date 4/28/2014	Depth (ftKB) 9,561.0	Density (lb/gal) 14.80	Vis (s/qt) 50	PV OR (Pa*s) 28.0	YP OR (lb/100) 17.000	Gel (10s) (lb/100) 13.000	Gel (10m) (lb/100) 16.000	Gel (30m) (lb/100)	Filtrate (mL/30s) 32.5	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1... 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 401,888.00	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 32.5	CaCl (ppm)	Oil Water Ratio 88.1/11.9	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 38.0	ECD - Manual Entr... T Flowline (°F)		Comment							

Daily Drilling Performance

Depth In (ftKB) 7,667.0	Depth Out (ft... 11,961.0	Drilled (ft) 4,294.00	Date In 4/26/2014 18:25	Date Out 5/1/2014 06:00	Drill Time (hr) 94.62	BHA ROP (ft/hr) 45.4	Rot Time (hr) 60.53	Slide Time (hr) 34.09	% Slide Time... 36.03	% Rot Time (%) 63.97
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094



Daily Drilling - Paradox Executive Daily No Cost

Report for: 4/30/2014

Report #: 23, DFS: 18.90

Well Name: Cane Creek 36-1-25-18

Daily Depth Progress: 833.00

API/UWI 43-019-50038	Excaliber ID 74*31448	Well Area Paradox	Basin Paradox Basin	Regulatory Field Name Cane Creek	Well Configuration Type Horizontal
County Grand	State/Province UT	Graded Ground Elevation (ft) 5,553.00	KB-Ground Distance (ft) -5,530.00	Spud Date 3/29/2014 07:00	Rig Release Date
Operator Fidelity E&P	Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address naborsm40@fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 4/7/2014 06:00	Rig Release Date
Drilling Hours (hr) 238.88	Circulating Hours (hr) 16.67	Job ROP (ft/hr) 49.6	Job ROP Rotating (ft/hr) 63.3	Job ROP Sliding (ft/hr) 17.9	Job Rotating % (%) 69.82
Target Depth (ftKB) 11,998.0	Kick Off Date 4/23/2014	Kick Off Depth (ftKB) 6,800.0	Kick Off Depth (TVD) (ftKB) 6,796.9		

Daily Operations

Report Start Date 4/29/2014 06:00	Report End Date 4/30/2014 06:00	Days From Spud (days) 18.90	Start Depth (ftKB) 10,104.0	End Depth (ftKB) 10,937.0	Daily Depth Progress (ft) 833.00
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Operations at Report Time
Drill 8-1/2" Lateral Section.Operations Summary
Drill 8-1/2" Lateral Section 10,104' to 10,937'.

Operations Next Report Period

Drilling

Weather
CloudyWellbore
Original Hole

Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Sam Loredo	Company Man / WSL	(970) 986-4401
Paul Roberts	Company Man / WSL	(970) 986-4401

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	2	Drilled 8-1/2" Hole from 10,104' to 10,317', WOB 0-22K, RPM 35, 427 GPM, SPP 3950 psi. BG 20-40 Units. Mud Wt 14.7	10,104.0	10,317.0
12:00	6.00	12.00	2	Drilled 8-1/2" Hole from 10,317' to 10,528', WOB 0-22K, RPM 35, 427 GPM, SPP 3950 psi. BG 20-40 Units. Mud Wt 14.7 BOP Drill. Men at Stations 55 Seconds.	10,317.0	10,528.0
18:00	6.00	18.00	2	Drilled 8-1/2" Hole from 10,528' to 10,696', WOB 0-22K, RPM 35, 420 GPM, SPP 3950 psi. BG 20-40 Units. Mud Wt 14.7 - 14.8 BOP Drill. Men at Stations 73 Seconds.	10,528.0	10,696.0
00:00	6.00	24.00	2	Drilled 8-1/2" Hole from 10,696' to 10,937', WOB 0-22K, RPM 35, 420 GPM, SPP 3950 psi. BG 20-40 Units. Mud Wt 14.8 - 14.9, ECD=15.7ppg EMW	10,696.0	10,937.0

Mud Check: <depth>ftKB, 4/29/2014 14:00

Date 4/29/2014	Depth (ftKB) 14.80	Density (lb/gal) 53	Vis (s/qt) 28.0	PV OR (Pa*s) 22.000	YP OR (lb/1...) 13.000	Gel (10s) (lb...) 17.000	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...	FC (1/32") 2.0	HTHP Filtrat...	HTHP FC (1...)
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 36,938.000	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 31.5	CaCl (ppm)	Oil Water Ratio 86.9/13.1	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl) 4.0	LCM	ECD - Manual Entr...		T Flowline (°F)	Comment						

Mud Check: 10,426.0ftKB, 4/29/2014 14:00

Date 4/29/2014	Depth (ftKB) 10,426.0	Density (lb/gal) 14.75	Vis (s/qt) 52	PV OR (Pa*s) 28.0	YP OR (lb/1... 19.000	Gel (10s) (lb... 14.000	Gel (10m) (lb... 17.000	Gel (30m) (lb... 17.000	Filtrate (mL/... 31.0	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1... 2
MBT (lb/bbl) pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 37,000.000	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 31.0	CaCl (ppm)	Oil Water Ratio 87/13		
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl) 28.0	LCM	ECD - Manual Entr...		T Flowline (°F)		Comment					

Daily Drilling Performance

Depth In (ftKB) 7,667.0	Depth Out (ft...) 11,961.0	Drilled (ft) 4,294.00	Date In 4/26/2014 18:25	Date Out 5/1/2014 06:00	Drill Time (hr) 94.62	BHA ROP (ft/hr) 45.4	Rot Time (hr) 60.53	Slide Time (hr) 34.09	% Slide Time... 36.03	% Rot Time (%) 63.97
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Casing & Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
3/29/2014	Conductor	110.0	0.0	20	18.730	133.00	J-55	20	18.73
4/13/2014	Surface	1,195.0	26.1	13 3/8	12.615	54.50	J-55	13 3/8	12.615
4/19/2014	Intermediate	4,561.0	24.7	9 5/8	8.681	47.00	P-110	9.863	8.681
5/3/2014	Production	11,954.1	26.5	7	6.184	29.00	P-110	7	6.094

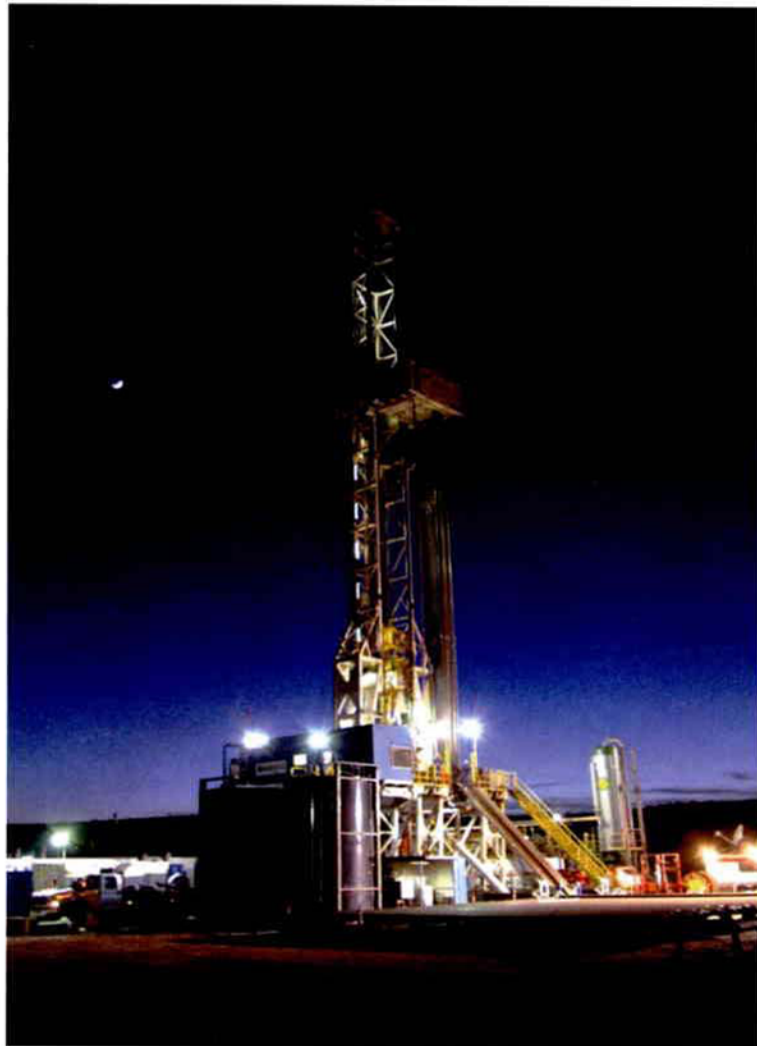
FIDELITY EXPLORATION & PRODUCTION CO.

CANE CREEK UNIT # 36-1-25-18H

SE/SE Sec 36, T25S, R18E

43 019 50038

GRAND COUNTY, UTAH



Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

GEOLOGY REPORT
by

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RECEIVED
MAY 16 2014
DIV. OF OIL, GAS & MINING

GEOLOGICAL INTRODUCTION

The Fidelity Exploration & Production Co. Cane Creek Unit #36-1-25-18H, located in SE SE, Section 36, T25S, R18E spud in the Jurassic, Kayenta Formation on April 11, 2014. It was drilled vertically to a depth of 6795'. The well was then deviated from this kick off point to land at 7667' with an inclination of 83 degrees in the Cane Creek Shale member of the Pennsylvanian, Paradox Formation on April 25, 2014.

At this point, the curve BHA was tripped out of the hole and was replaced with a lateral BHA containing an ipzig tool in order to obtain gamma data at the bit. The horizontal lateral was then drilled, following the flat to gently northwest dipping B zone target dolomite to a total depth of 11,961'.

A 24 hour, two man geologist well site service began on April 14, 2014 at base of surface casing at 1198'. An MSI chromatograph was used to record total gas along with the various gas components of C-1 through C-4. The total gas readings were displayed on the rig electronic data recorder screen "Pason" for viewing by operating personnel at the rig. The total gas and the various gas components recorded were plotted at lagged depth to compile a permanent mudlog record of drilling parameters, lithology drilled along with hydrocarbon shows.

VERTICAL/ CURVE HOLE

LITHOLOGY DRILLED

TRIASSIC, PERMIAN

The well spudded in the Jurassic, Kayenta Formation and was drilled with air & water to 1198' in the Triassic Moenkopi Formation. Surface casing was set and cemented at 1195'. Geology service started at this depth. As drilling resumed, air & water continued to be used as a drilling medium. Samples were caught as air/water carrying cuttings, discharged from the bloopie line muffler and into a series of settling tanks. A reserve pit was not used due to government restrictions. As air/water was employed as a drilling medium, the flow was not always consistent and some surging or unloading was present at various times. As a result, the basic lithology can be interpreted but detailed changes in lithology are highly generalized. From 1198' to 1500' the lithology consisted of fine to coarse grained red-brown to red-orange sandstone and red-brown silty shale.

Some evidence of white sandstone was present at 1450' to 1500' which may indicate the White Rim Sandstone, but samples were very poor and no definite top could be picked. The top of the Permian, Cutler Formation was picked at 1428'.

The interval from 1500' to 1800' consisted of sandstone and shale in equal amounts. Shale was red-brown in color, soft changing to mud when wet as the hammer drill bit reduced it to powder. Thick, massive, rusty brown to white, very fine to medium grained, arkosic sandstone was interbedded with the shale.

The 1800' to 2100' interval was 75% massive, calcareous, fine to medium grained quartz sandstone, red-brown to orange-brown in color, with scattered feldspar and mica. Orange-brown to red brown silty, calcareous shale comprised the balance of the interval.

Massive shale, orange-brown to red-brown, silty, micaceous and calcareous comprised the interval from 2100' to 2400'. The shale samples generally consisted of mushy, silty, micaceous, sandy mud. The PDC bit being used tended to reduce the shale to powder and that, mixed with the water and air destroys the original shale texture.

At 2400' to 2700', Limestone, light to medium gray, very fine to micro crystalline was drilled along with white to light gray, fine to coarse grained sandstone. Black mica flakes were present in both the limestone and sandstone. The interval from 2700' to the Honaker Trail Formation at 2930' consisted of interbedded white to light gray, quartz sandstone and medium to dark gray, very fine crystalline, micaceous, limestone. A minor amount of dark gray to black, limey shale was also present in the upper 100 feet of the interval.

PENNSYLVANIAN

Honaker Trail Formation

At 2930' the Honaker Trail Formation was marked by a change in lithology to almost 100% light to medium gray, to gray-brown, dense, micro-crystalline limestone. At 3500' a sharp 51 unit gas increase was recorded, along with a strong oil odor at the end of the blooie line. The interval from 3500' to 3864' consisted almost entirely of light gray to off white, very fine crystalline limestone.

Paradox Formation

The top of the Paradox formation was picked at 3864'. Lithology consisted of limestone, light gray, off white to tan, brown in color, very fine to micro crystalline to dense. A trace of dark gray, black shale was noted in the upper part..

At 3889' the air hammer bit was tripped out of the hole and replaced by a tri-cone insert bit. Drilling proceeded using aerated water as a drilling fluid.

The Ismay formation top was picked from drill time at 4078'. The Ismay consisted of limestone, white-light gray to dark gray-brown in color, very fine to fine crystalline, with traces of dark gray-black shale.

Salt #1 was encountered at 4135'. Due to drilling with aerated water, no salt was initially seen in samples as it dissolved before reaching the surface. The samples from 4300' to 4457' contained a minor amount of white, clear, crystalline salt. By using a tri-cone bit, the top of the salt can be determined from the increase in drill rate, which is consistent and fast at close to 120 feet per hour.

The top of Clastic #1 was drilled at 4457' and the base at 4541' based on drill time. Lithology consisted of interbedded limestone, black shale and anhydrite. No gas increases were recorded.

Salt #2 at 4541' was drilled to 4471'. Intermediate 9 5/8" casing was then run to 4571', set and cemented. An 8 1/2" bit was run in the hole and cement, float and casing shoe was drilled along with an additional 3 feet of formation to 4574' where a successful formation integrity test was run to 18 ppg EMW. The mud system was then converted to oil base invert and drilling of the hole continued with a PDC bit and directional BHA.

With the change to oil base mud, meaningful gas detection became possible because of the absence of air diluting the drilling fluid. While drilling ahead, gas increases were recorded from the various clastic zones that are sandwiched between bedded salt as follows:.

Clastic # 2: Gas increased to 48 units at 4608' to 4632' and 62 units at 4651' to 4684', from black, organic, carbonaceous, shale and fractured light gray dolomite. The chromatograph indicated the gas was methane. Mud wt. was 13.9 ppg.

Clastic # 4 Dolomite and black shale gave a gas increase to 57 units from 4906' to 4918' and 62 units from 4942' to 4960'.. Methane was present and mud weight was 13.9 ppg.

Clastic # 6: A gas increase of 75 units was recorded at 5300' to 5306' from dolomite.

Clastic #7: A gas increase to 85 units was present at 5360' to 5386'. The gas is interpreted to be coming from black shale and light gray dolomite. Methane was identified and mud weight was 13.9 ppg

Clastic #8: At 5550' to 5560', gas increased to 150 units from dolomite and black shale. Mud weight was 13.9 ppg and methane and ethane were identified.

Clastic # 9: A gas increase to 142 units from black shale and dolomite was recorded from 5708' to 5750' and an increase to 95 units at 5766' to 5770'. Again methane was present and mud weight was 13.9 ppg.

Clastic #12: A significant gas increase to 1957 units was recorded from 6002' to 6024'. The lithology consisted of black shale and dolomite. Methane, ethane and propane gases were present. Mud weight was 13.9 ppg.

Clastic #15: Gas increased to 102 units while drilling black shale and dolomite from 6351' to 6364'. Methane was recorded.

Clastic # 16: Dolomite and black shale gave a gas increase of 212 units from 6408' to 6414'

Clastic #18-19: At 7060' to 7070' a 250 unit methane gas increase was recorded from dolomite and black, organic shale. Mud wt was 14.0 ppg

Clastic # 20: Dolomite and black shale at 7248' to 7256' gave a gas increase of 143 units. Mud wt was 14.1 ppg.

CANE CREEK SHALE 7537' md, 7367' tvd

The Cane Creek Shale is divided into three zones termed A, B and C. The A zone comprises the upper one third of the Cane Creek Shale and is composed of alternating thin beds of anhydrite, black shale and dolomite. Anhydrite tends to predominate towards the top of this interval.

The B zone is composed of black, radioactive, carbonaceous, shale and light to medium gray, dolomite. This is the predominate lithology in the middle one third of the Cane Creek and is the principal productive interval in the Cane Creek.

The C zone comprises the lower one third of the Cane Creek and is generally dominated by anhydrite and dolomite with some thin organic black shales.

While drilling through the upper Cane Creek, back ground gas varied from 132 to 458 units. Gas increases were identified as generally coming from black organic shales. .

The well was landed at 7667' near the top of the B zone. Electric logs were run before tripping out to pick up an ipzig tool and a lateral BHA to drill forward as a horizontal lateral hole .

HORIZONTAL LATERAL 36-1-25-18H

The horizontal lateral was directionally drilled from a kick off point of 6800' and landed in the Cane Creek Shale, lower A zone at a hole inclination of 82 degrees at 7667' md. After tripping out to pick up a lateral BHA, drilling continued forward with the well path following the flat to gently downward dipping formation. The entire lateral from 7800' to total depth was drilled in the upper B zone target dolomite.

From 7667' to 7740' gas increases were recorded from the B1 "Hot" black shale of 363 units and 237 units from the top of the B zone target dolomite. Mud weight was 14.5 to 14.8 ppg, ECD 15.31.

The interval from 7760' to 8200' showed an overall gas increase with peaks of 140 to 131 units from a background of 50 units. Lithology being drilled in this interval was dolomite in the upper B zone. Mud weight was 14.8 ppg with ECD of 15.4.

From 8200' to 8580' background gas was fairly constant at 50 to 75 units. At 8580' to 8740' gas was generally above 50 units peaking at 144 units at 8620'.

From 9085' to 9124' a broad gas increase to 155 units was recorded while background gas was 50 units. Background gas remained at 50 or less units from 9124' to 10,235'.

A zone of higher gas was recorded from 10235' to 10,700. Numerous gas peaks from 123 to 290 units were present in this interval. Gas consisted of Methane and Ethane.

Higher gas was present again from 10,880' to 11,200' with a peak of 208 units at 11,015'. Background gas was fairly constant at 50 units from 11,200' to total depth at 11,961' except for a minor gas increase to 98 units at 11,732'.

The B zone dolomite dipped downward approximately 112 feet from 7800' to total depth at 11,961'. No mud motor stalls were recorded and the rate of penetration was fast, generally over 70 ft/hr while rotating. No abrupt changes in structure were present. No evidence of fractures were seen, other than the minor gas increases tabulated above.

The lack of good shows in this well causes concern. The lateral was in the target zone throughout and mud weight was not excessive. The production information gained from this well will be valuable in determining what sort of shows or evidence of fracturing is needed to make a commercial well in this area.

Hal Schmidt, Geologist, LLC

10 Heather Way,

Golden, CO 80401

hasgeo@q.com

303-279-4013 office/home

7303-919-7822 cell

WELL DATA SUMMARY
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT # 36-1-25-18H

<u>OPERATOR:</u>	FIDELITY EXPLORATION & PRODUCTION CO.
<u>ADDRESS:</u>	1801 California St. Suite 2500, Denver, CO. 80202
<u>WELL NAME:</u>	CANE CREEK UNIT # 36-1-25-18H
<u>API #:</u>	430-195-0038
<u>SURFACE LOCATION:</u>	1113' FSL & 1108' FEL, SE/SE SEC 36, T25S, R18E
<u>FIELD:</u>	Cane Creek Unit
<u>COUNTY, STATE</u>	Grand, Utah
<u>BASIN:</u>	Paradox
<u>WELL TYPE:</u>	Exploratory
<u>BASIS OF PROSPECT:</u>	Proximity to Cane Creek oil production
<u>ELEVATION:</u>	GL: 5557', KB: 5580' (Measured, Graded)
<u>SPUD DATE</u>	April 10, 2014
<u>TD DATE:</u>	May 1, 2014
<u>HORIZONTAL TARGET:</u>	Paradox, Cane Creek Shale
<u>KICK-OFF POINT:</u>	6800' md, 6797' tvd
<u>TOTAL DEPTH:</u>	11,961' md, 7522.11' tvd

WELL DATA SUMMARY
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT # 36-1-25-18H

<u>TVD AT TD:</u>	7522.11'
<u>BOTTOM HOLE LOCATION:</u>	774' FNL, 816' FWL, NW NW SEC. 32, T25S, R19E
<u>FINAL VERTICAL SECTION:</u>	4768.97'
<u>FINAL CLOSURE AZIMUTH:</u>	322.72 deg
<u>PROPOSED AZIMUTH:</u>	315.21 deg.
<u>TOTAL DRILLING DAYS</u>	23
<u>STATUS OF WELL:</u>	Waiting Completion
<u>CONTRACTOR:</u>	Nabors Rig M40
<u>TOOLPUSHER:</u>	Shannon McDaniel, Brendon Evans
<u>FIELD SUPERVISORS:</u>	Delbert Sullivan, Paul Roberts, Sam Larado, Tucker Yancey
<u>MUD COMPANY:</u>	NOV Fluid Control Eric Mascarenas, Paul McCracken, Clark Sievers, Mike Whitt
<u>MUD TYPE:</u>	Air/Mist, Water, Invert
<u>WELLSITE GEOLOGISTS:</u>	Hal Schmidt, Kent Roddy
<u>PROSPECT GEOLOGIST:</u>	Robert Flook, Dave Koval, Jen VanHolland, Chris Lang, Fidelity.
<u>ROCK SAMPLING:</u>	30' Lagged Samples Two sets of dry sample cuts were collected.
<u>DIRECTIONAL DRILLERS:</u>	Pathfinder Shane Sayler, Jonathan Rice

WELL DATA SUMMARY
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT # 36-1-25-18H

<u>MWD:</u>	Pathfinder Paul Foreman, Robert Gutshall
<u>CASING:</u>	20" Conductor @ 130': 13 3/8" @ 1,201' 9 5/8" @ 4,564': 7" @ 11,961'
<u>HOLE SIZE:</u>	17 1/2" base 20" conductor 130' to 1195' 12 1/4" 1,207' to 4,465' 8 1/2" 4,465' to 11,961'
<u>CORES and DST's:</u>	None
<u>WIRELINE/OPEN HOLE LOGS:</u>	Triple Combo, OBMI/Sonic Scanner , 4460' to 7672' CBL/GR, 4465' to 1201'
<u>KEY WELL</u>	FEPC Cane Creek Unit 32-1-25-19 SW/SW Sec 32, T25S, R19E

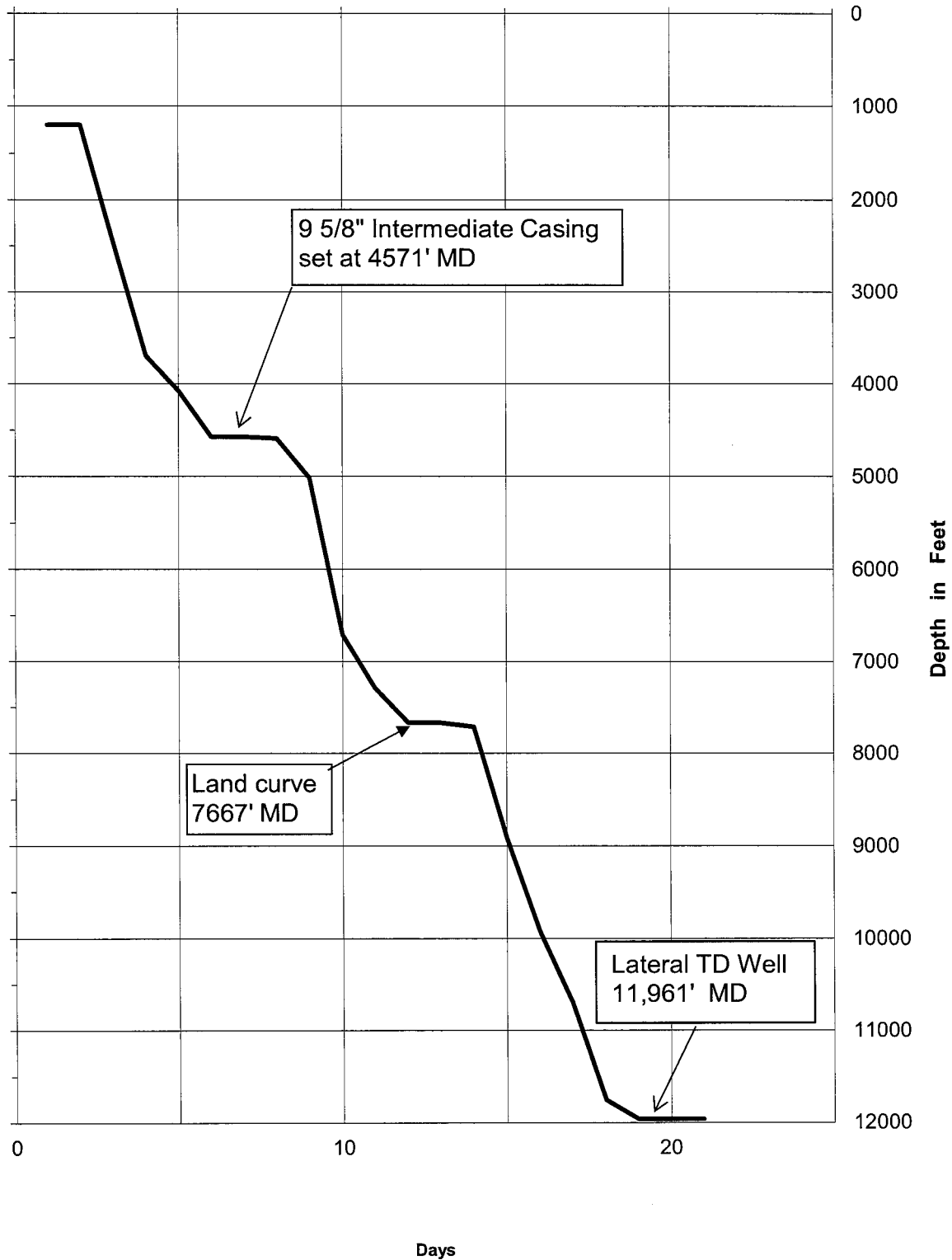
DAILY DRILLING SUMMARY
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT # 36-1-25-18H

DAY	DATE 2014	DEPTH 06:00 HRS	24 HR FOOTAGE	BIT #	Mud Losses	24 HR ACTIVITY	FORMATION
1	14-Apr	1,198'	0'	n/a	n/a	Nipple up BOP equipment and pressure test BOP. Pick up drill pipe, rack in derrick. Pick up hammer bit & BHA	Moenkopi
2	15-Apr	1,198'	1,645'	2	n/a	Finish, pick up Hammer bit & BHA. TIH, to 1195', blow hole dry. Drill cement and shoe to 1198'. Drill vertical section with air mist from 1198' to 2843'.	Moenkopi
3	16-Apr	2,843'	1,046'	2	n/a	Drill vertical section from 2843' to 3889'. TOOH.	Cutler
4	17-Apr	3,889'	579'	2	0	Finish TOOH, lay down hammer bit & BHA, pick up new insert bit, mud motor & BHA, TIH. Drill vertical section from 3889' to 4212'	Cutler
5	18-Apr	4,468'	682'	2	0	Drill vertical section from 4212' to 4571', Intermediate Casing Point, circulate, Short trip to ~3440', TIH, circulate, TOOH for casing. Rig up casers, run in 9 5/8"	Cutler
6	19-Apr	4,571'	0'	n/a	0	Finish run in 9 5/8" casing and cement casing. Run Gyro. Pick up drill pipe rack in derrick. Pick up PDC bit & BHA, TIH	Cutler
7	20-Apr	4,571'	34'	3	0	Finish TIH, pressure test casing, drill float/shoe & formation to 4571', FIT test to 18.0 EMW, change over from water to OBM. Drill from 4574' to 4605', circulate, TOOH.	Paradox
8	21-Apr	4,605'	394'	3	0	Finish TOOH, pick up directional tools & new bit, BHA, TIH. Drill from 4605' to 4465'	Paradox
9	22-Apr	5,407'	2,337'	3	0	Drill from 4465' to 5407', rotating & sliding with surveys.	Paradox

DAILY DRILLING SUMMARY
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT # 36-1-25-18H

DAY	DATE 2014	DEPTH 06:00 HRS	24 HR FOOTAGE	BIT #	Mud Losses	24 HR ACTIVITY	FORMATION
10	23-Apr	6,942'	518'	4	0	Drill vertical section from 5407' to 6860', rotating & sliding with surveys. Begin curve build drill from 6860' to 7600', sliding with surveys.	Paradox
11	24-Apr	7,460'	207'	5	0	Drill curve from 7600' to 7667', sliding & rotating with surveys. Land curve at 7667', short trip to ~6800', TIH circulate, TOO H for E-Logs.	Paradox
12	25-Apr	7,667'	0'	5	0	Finish TOO H, run E-Logs.	Paradox
13	26-Apr	7667'	197'	6	0	Pick up new bit & lateral BHA, TIH. Relog hole with Pzig from 7530 to 7667'. Drill lateral section from 7667' to 7864', sliding & rotating with surveys.	Paradox
14	27-Apr	7,864'	1,320'	6	0	Drill lateral from 7864' to 9184', rotating & sliding with surveys.	Paradox
15	28-Apr	9,184'	921'	6	0	Drill lateral from 9184' to 10,105', rotating & sliding with surveys.	Paradox
16	29-Apr	10,105'	832'	6	0	Drill lateral from 10105' to 10,937', rotating & sliding with surveys.	Paradox
17	30-Apr	10,937'	544'	6		Drill lateral from 10937' to 11,961' TD, rotating & sliding with surveys. Circulate.	Paradox
18	1-May	11,961'	551'	6	0	Finish circulating, wiper trip to ~6800', TIH, circulate. TOO H to top of curve, lay down drill pipe.	Paradox
19	2-May	11,961'	0'	6	0	Finish TOO H, lay down drill pipe & directional tools, TIH with drill pipe in derrick to lay down drill pipe. Rig up casers. Run in 7" casing	Paradox
20	3-May	11,961'	0'	n/a	0	Finish running 7" casing, rig down casers. Circulate casing on bottom. Rig up cementers & cement 7" casing in hole.	Paradox
21	4-May	11,961'	0'	n/a	0	Finish cementing and Geologists released	Paradox

TIME VS DEPTH
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT # 36-1-25-18H



FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT # 36-1-25-18H

Date	Day	Depth 12am	Footage
4/14/2014	1	1198	0
4/15/2014	2	1198	0
4/16/2014	3	2452	1254
4/17/2014	4	3694	1242
4/18/2014	5	4072	378
4/19/2014	6	4571	499
4/20/2014	7	4571	0
4/21/2014	8	4589	18
4/22/2014	9	5013	424
4/23/2014	10	6709	1696
4/24/2014	11	7288	579
4/25/2014	12	7667	379
4/26/2014	13	7667	0
4/27/2014	14	7706	39
4/28/2014	15	8910	1204
4/29/2014	16	9917	1007
4/30/2014	17	10696	779
5/1/2014	18	11755	1059
5/2/2014	19	11961	206
5/3/2014	20	11961	0
5/4/2014	21	11961	0

KELLY
BUSHING: 5,686' (meas. Graded)

[illegible]

FIDELITY EXPLORATION AND PRODUCTION
INVERT MUD REPORTS
CANE CREEK UNIT # 36-1-25-18H

[illegible]

FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT # 36-1-25-18H

<u>DISTRIBUTION</u>	Geological Report	Final Mud Log prints	Digital mud log	Well Cuttings
Fidelity Exploration and Production Co. Drilling Manager Bruce Houtchens 1801 California St. Suite 2500, Denver CO 80202	2	2	2	0
Fidelity Exploration & Production Co. Jenifer VanHolland 1801 California St. Suite 2500 Denver CO 80202	1	1	1	0
Dave Koval Fidelity Exploration and Production 1801 California St. Suite 2500 Denver, CO 80202	1	1	1	1
State of Utah Division Oil Gas and Mining P.O. Box 145801 1594 W. Temple Suite 1210 Salt Lake City, UT 84114-5801	1	0	0	1
Bureau of Land Management Moab Field Office 82 E. Dogwood Moab, UT 84532	1	0	0	0

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML52094 6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____ 7. UNIT or CA AGREEMENT NAME _____ 8. WELL NAME and NUMBER: Cane Creek 36-1-25-18
2. NAME OF OPERATOR: Fidelity E & P Company		9. API NUMBER: 4301950038
3. ADDRESS OF OPERATOR: 1801 California St, STE <input type="checkbox"/> CITY Denver STATE CO ZIP 80202		10. FIELD AND POOL, OR WILDCAT Cane Creek
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1113' FSL 1108' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: 1461' FSL 1470' FEL Sec 36 AT TOTAL DEPTH: 818' FNL 817' FWL Sec 36		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 36 25S 18E S
		12. COUNTY Grand
		13. STATE UTAH

14. DATE SPULLED: 3/19/2014	15. DATE T.D. REACHED: 5/1/2014	16. DATE COMPLETED: 7/12/2014	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5553' GL
18. TOTAL DEPTH: MD 11,961 TVD 7,522		19. PLUG BACK T.D.: MD TVD		20. IF MULTIPLE COMPLETIONS, HOW MANY? *
				21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)			23. WAS WELL CORED? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
21	20 J-55	133.0				Redim <input type="checkbox"/>			
17.5	13 3/4 J-55	54.5	26	1,195		Type/II 735	297	surface	
12 1/2	9 5/8" P11 <input type="checkbox"/>	47	24	4,561		Type/II 806	297	surface	
8 1/2	7" P11 <input type="checkbox"/>	29	27	4,282		Class <input type="checkbox"/> 1,05 <input type="checkbox"/>	236	2400 CBL	
	7" P11 <input type="checkbox"/>	32	4,282	7,790					
	7" P11 <input type="checkbox"/>	29	7,790	11,951					

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	7,670	6,527						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Cane Creek	7,670	11,850	7,400	7,522	7,670 11,850	.35	20,100	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

WAS WELL HYDRAULICALLY FRACTURED? YES ☐ NO ☒ IF YES - DATE FRACTURED: _____

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: _____

30. WELL STATUS:

Shut In

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD: not productive
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS: not productive

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

not productive

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Cane Creek			SH/SS/SLT	Chinle	36
			SS/SH/SLT	Moenkopi	399
			SS/SLT	Cutler	805
			SS/EVAP	Honaker Trail	2,241
			SALT/SH/DOL/SLT	Paradox Fm	3,646
			SALT/SH/DOL/SLT	Ismay Zone	3,846
				Salt 1	3,895
			DOL/SH	Cane Creek Shale	7,308

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Renee Kendrick

TITLE Environmental Project Specialist

SIGNATURE



DATE 3/5/2015

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2013)

RECEIVED: Mar. 05, 2015

Jeff Milburn
1285 Derrick Dr.
Casper, WY 82604
Tel. (307) 265-3145
Fax (307) 265-3150



Fidelity Exploration
Cane Creek Unit 36-1-25-18
Grand County, UT

Prepared by: Jeff Milburn



A Schlumberger Company

1285 Derrick Dr.

Casper, WY 82604

(307) 265-3145

Directional Survey Certification Form

<u>Fidelity Exploration</u> Company	<u>Cane Creek Unit 36-1-25-18</u> Well Name	<u>June 9, 2014</u> Final Report Date
<u>14FMG0006</u> Job Number	<u>Grand County, UT</u> County, State	<u>43-019-50038</u> API Number
<u>N 38° 34' 56.63"</u> Surface Latitude	<u>W 109° 52' 43.94"</u> Surface Longitude	<u>Sec. 036-T025S-R18E</u> Sec. - TWP - Range
<u>NAD 83</u> Geodetic Datum	<u>NABORS M40</u> Rig Contractor / Name	<u>23'</u> RKB Height

Type of Surveys

Measurements While Drilling (MWD)

Survey Depths (Measured Depth)

4460'

to

11961'

Survey Dates

04/21/14

to

05/01/14

Persons Performing Surveys

Paul FormanRobert Gutshall

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Pathfinder Energy Services.

I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore coordinates are calculated using the minimum curvature method.

Jeff Milburn
Engineer In Charge

June 9, 2014

Date

PathFinder – a Schlumberger company

BHL Report

Page 01/01

Tie-in Date: 04/21/2014

Date Completed: 05/01/2014

FIDELITY E&P COMPANY

CANE CREEK UNIT #36-1-25-18

GRAND COUNTY, UT

API#: 43-019-50038 Rig: NABORS M40

PathFinder Office Supervisor: DAN HARWELL

PathFinder Field Engineers: PAUL FOREMAN
ROBERT GUTSHALL

Survey Horiz. Reference: WELLHEAD

Ref Coordinates: LAT: 38.34.56.6292 N LON: 109.52.43.9428 W

GRID Reference: NAD83 Utah central Lambert

Ref GRID Coord: X: 2103885.3483 Y: 6656590.0294

North Aligned To: TRUE NORTH

Total Magnetic Correction: 10.74° EAST TO TRUE

Vertical Section Plane: 315.21

Survey Vert. Reference: 23.00' Kelly Bushing To Ground

Altitude: 5557.00' Ground To MSL

Measured Depth	11961.00	(feet)
Inclination	90.22	(deg)
Azimuth	322.72	(deg)
True Vertical Depth	7522.11	(feet)
Vertical Section	4768.96	(feet)
Survey X cord	2100534.06	(feet)
Survey Y cord	6659982.96	(feet)
Survey Lat	38.59187656 N	(deg)
Survey Lon	109.89037911 W	(deg)
Rectangular Corr. N/S	3392.93 N	(feet)
Rectangular Corr. E/W	3351.29 W	(feet)
Closure Distance	4768.97	(feet)
Direction of Closure	315.35	(deg)
Dogleg Severity	0.00	(deg/100ft)

PathFinder – a Schlumberger company

Survey Report

FIDELITY E&P COMPANY

CANE CREEK UNIT #36-1-25-18

GRAND COUNTY, UT

API#: 43-019-50038 Rig: NABORS M40

PathFinder Office Supervisor: DAN HARWELL

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Ref GRID Coord: X: 2103885.3483 Y: 6656590.0294

North Aligned To:TRUE NORTH

Total Magnetic Correction:10.74° EAST TO TRUE

Vertical Section Plane: 315.21

Survey Vert. Reference: 23.00' Kelly Bushing To Ground

Altitude:5557.00' Ground To MSL

Survey Calculations by RX5 V6.05A using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Survey Latitude (deg)	Survey Longitude (deg)	Closure Dist (ft)	Dir (deg)	DLS (dg/100ft)
TIED INTO NATIVE NAVIGATION GYRO SURVEY AT 4460'MD.												
4460.00	4.93	46.28	4459.45	60.00	-24.95	7.87 S	27.49 E	38.58237403 N	109.87877737 W	28.59@	105.98	0.92
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.												
4624.00	5.72	45.45	4622.74	164.00	-25.12	2.73 N	38.41 E	38.58240259 N	109.87873851 W	38.50@	85.93	0.48
4720.00	5.01	39.55	4718.32	96.00	-24.72	9.32 N	44.49 E	38.58242038 N	109.87871684 W	45.45@	78.16	0.94
4815.00	4.57	26.48	4812.99	95.00	-23.10	15.91 N	48.81 E	38.58243824 N	109.87870128 W	51.34@	71.95	1.23
4911.00	3.69	11.02	4908.74	96.00	-20.14	22.36 N	51.11 E	38.58245585 N	109.87869285 W	55.79@	66.37	1.47
5007.00	2.55	358.37	5004.60	96.00	-16.84	27.53 N	51.64 E	38.58247000 N	109.87869066 W	58.52@	61.94	1.38
5103.00	0.97	351.64	5100.55	96.00	-14.63	30.47 N	51.46 E	38.58247808 N	109.87869110 W	59.81@	59.37	1.66
5199.00	0.70	330.04	5196.54	96.00	-13.41	31.78 N	51.05 E	38.58248170 N	109.87869246 W	60.14@	58.09	0.43
5294.00	0.97	1.62	5291.53	95.00	-12.29	33.09 N	50.78 E	38.58248530 N	109.87869331 W	60.61@	56.91	0.55
5390.00	1.23	12.45	5387.52	96.00	-11.18	34.91 N	51.03 E	38.58249028 N	109.87869234 W	61.83@	55.62	0.35
5485.00	0.62	10.79	5482.50	95.00	-10.33	36.41 N	51.34 E	38.58249438 N	109.87869114 W	62.94@	54.66	0.64
5580.00	0.18	194.12	5577.50	95.00	-10.12	36.77 N	51.40 E	38.58249537 N	109.87869090 W	63.20@	54.42	0.84
5676.00	1.32	207.83	5673.49	96.00	-10.53	35.64 N	50.85 E	38.58249231 N	109.87869291 W	62.10@	54.97	1.19
5772.00	1.06	198.95	5769.47	96.00	-11.25	33.83 N	50.05 E	38.58248736 N	109.87869584 W	60.41@	55.95	0.33
5868.00	0.70	191.49	5865.46	96.00	-11.97	32.41 N	49.64 E	38.58248350 N	109.87869735 W	59.29@	56.86	0.39
5964.00	0.62	193.30	5961.45	96.00	-12.57	31.33 N	49.41 E	38.58248055 N	109.87869824 W	58.50@	57.62	0.09
6060.00	0.44	199.70	6057.45	96.00	-13.00	30.48 N	49.16 E	38.58247822 N	109.87869915 W	57.84@	58.20	0.20
6155.00	2.29	249.77	6152.42	95.00	-12.37	29.48 N	47.26 E	38.58247557 N	109.87870587 W	55.70@	58.04	2.14
6251.00	2.73	255.13	6248.33	96.00	-10.43	28.23 N	43.25 E	38.58247234 N	109.87871997 W	51.65@	56.87	0.52
6347.00	2.37	250.47	6344.23	96.00	-8.45	26.98 N	39.17 E	38.58246911 N	109.87873432 W	47.56@	55.44	0.43
6443.00	2.11	249.17	6440.16	96.00	-6.88	25.69 N	35.65 E	38.58246574 N	109.87874672 W	43.94@	54.22	0.28
6539.00	2.11	245.00	6536.09	96.00	-5.57	24.31 N	32.39 E	38.58246212 N	109.87875818 W	40.50@	53.11	0.16
6635.00	1.85	245.84	6632.04	96.00	-4.42	22.93 N	29.38 E	38.58245848 N	109.87876882 W	37.27@	52.02	0.27
6731.00	1.93	276.10	6727.99	96.00	-2.62	22.47 N	26.36 E	38.58245736 N	109.87877941 W	34.63@	49.55	1.03

PathFinder – a Schlumberger company

Survey Report

FIDELITY E&P COMPANY
CANE CREEK UNIT #36-1-25-18
GRAND COUNTY, UT
API#: 43-019-50038 Rig: NABORS M40

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Survey Latitude (deg)	Survey Longitude (deg)	Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
6827.00	2.11	289.13	6823.93	96.00	0.22	23.22 N	23.08 E	38.58245959 N	109.87879082 W	32.74@	44.83	0.51
6858.00	2.64	293.70	6854.90	31.00	1.40	23.69 N	21.89 E	38.58246095 N	109.87879496 W	32.25@	42.73	1.81
6889.00	5.63	300.36	6885.82	31.00	3.53	24.75 N	19.92 E	38.58246394 N	109.87880177 W	31.77@	38.83	9.75
6921.00	8.71	301.27	6917.56	32.00	7.40	26.80 N	16.49 E	38.58246975 N	109.87881363 W	31.47@	31.61	9.63
6953.00	12.49	300.83	6949.01	32.00	13.11	29.83 N	11.45 E	38.58247832 N	109.87883107 W	31.95@	20.99	11.81
6985.00	15.56	298.75	6980.05	32.00	20.58	33.67 N	4.71 E	38.58248919 N	109.87885439 W	34.00@	7.97	9.72
7017.00	18.47	299.72	7010.65	32.00	29.58	38.25 N	3.45 W	38.58250217 N	109.87888265 W	38.41@	354.84	9.14
7049.00	21.37	302.03	7040.73	32.00	40.14	43.86 N	12.80 W	38.58251802 N	109.87891499 W	45.69@	343.73	9.39
7081.00	23.39	303.43	7070.32	32.00	52.04	50.45 N	23.05 W	38.58253663 N	109.87895039 W	55.46@	335.45	6.53
7113.00	25.50	304.71	7099.45	32.00	65.03	57.87 N	34.01 W	38.58255755 N	109.87898827 W	67.13@	329.56	6.80
7145.00	29.11	306.01	7127.88	32.00	79.49	66.37 N	45.97 W	38.58258148 N	109.87902956 W	80.74@	325.29	11.43
7177.00	32.89	307.10	7155.31	32.00	95.78	76.19 N	59.20 W	38.58260909 N	109.87907521 W	96.49@	322.15	11.94
7209.00	35.79	307.96	7181.73	32.00	113.67	87.19 N	73.51 W	38.58264000 N	109.87912456 W	114.05@	319.86	9.19
7241.00	39.13	308.85	7207.12	32.00	133.00	99.29 N	88.76 W	38.58267395 N	109.87917711 W	133.18@	318.20	10.57
7273.00	43.18	309.26	7231.21	32.00	153.93	112.55 N	105.11 W	38.58271118 N	109.87923344 W	154.00@	316.96	12.68
7305.00	46.96	309.30	7253.81	32.00	176.46	126.89 N	122.64 W	38.58275142 N	109.87929384 W	176.47@	315.98	11.81
7337.00	50.65	309.16	7274.88	32.00	200.40	142.12 N	141.29 W	38.58279414 N	109.87935809 W	200.40@	315.17	11.54
7369.00	54.61	309.71	7294.30	32.00	225.70	158.27 N	160.93 W	38.58283946 N	109.87942574 W	225.72@	314.52	12.45
7401.00	58.83	310.32	7311.85	32.00	252.34	175.47 N	181.41 W	38.58288769 N	109.87949627 W	252.39@	314.05	13.28
7433.00	62.52	310.32	7327.52	32.00	280.13	193.52 N	202.68 W	38.58293829 N	109.87956951 W	280.23@	313.68	11.53
7465.00	65.51	311.64	7341.54	32.00	308.81	212.39 N	224.39 W	38.58299115 N	109.87964423 W	308.96@	313.43	10.05
7497.00	67.53	314.07	7354.29	32.00	338.13	232.35 N	245.90 W	38.58304702 N	109.87971819 W	338.31@	313.38	9.40
7529.00	68.68	315.86	7366.23	32.00	367.82	253.33 N	266.90 W	38.58310566 N	109.87979032 W	367.99@	313.51	6.31
7561.00	71.40	315.93	7377.15	32.00	397.90	274.93 N	287.83 W	38.58316598 N	109.87986215 W	398.04@	313.69	8.50
7593.00	75.18	315.70	7386.35	32.00	428.54	296.90 N	309.19 W	38.58322736 N	109.87993545 W	428.66@	313.84	11.83
7622.00	78.08	315.56	7393.05	29.00	456.75	317.07 N	328.92 W	38.58328369 N	109.88000316 W	456.86@	313.95	10.01
7717.00	86.00	315.57	7406.20	95.00	550.76	384.19 N	394.73 W	38.58347123 N	109.88022907 W	550.84@	314.22	8.34
7812.00	88.72	316.09	7410.57	95.00	645.64	452.26 N	460.85 W	38.58366134 N	109.88045598 W	645.69@	314.46	2.91

PathFinder – a Schlumberger company

Survey Report

FIDELITY E&P COMPANY
CANE CREEK UNIT #36-1-25-18
GRAND COUNTY, UT
API#: 43-019-50038 Rig: NABORS M40

Page 03/04

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Survey Latitude (deg)	Survey Longitude (deg)	Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
7908.00	87.14	315.85	7414.04	96.00	741.57	521.23 N	527.53 W	38.58385398 N	109.88068479 W	741.60@	314.66	1.66
8003.00	87.05	315.73	7418.86	95.00	836.44	589.24 N	593.69 W	38.58404395 N	109.88091185 W	836.46@	314.78	0.16
8099.00	88.02	315.08	7422.99	96.00	932.35	657.54 N	661.02 W	38.58423476 N	109.88114301 W	932.37@	314.85	1.22
8195.00	87.32	313.87	7426.89	96.00	1028.26	724.74 N	729.47 W	38.58442262 N	109.88137811 W	1028.28@	314.81	1.45
8291.00	87.14	314.93	7431.53	96.00	1124.13	791.82 N	797.98 W	38.58461018 N	109.88161345 W	1124.17@	314.78	1.12
8387.00	84.86	315.46	7438.22	96.00	1219.89	859.77 N	865.46 W	38.58480003 N	109.88184515 W	1219.92@	314.81	2.44
8483.00	85.38	316.92	7446.39	96.00	1315.53	928.79 N	931.67 W	38.58499279 N	109.88207235 W	1315.55@	314.91	1.61
8576.00	87.41	318.79	7452.24	93.00	1408.24	997.60 N	993.95 W	38.58518477 N	109.88228577 W	1408.24@	315.11	2.97
8672.00	86.97	317.80	7456.95	96.00	1503.98	1069.19 N	1057.74 W	38.58538443 N	109.88250433 W	1503.98@	315.31	1.13
8769.00	86.79	317.67	7462.23	97.00	1600.74	1140.86 N	1122.88 W	38.58558441 N	109.88272761 W	1600.76@	315.46	0.23
8864.00	89.52	320.00	7465.28	95.00	1695.49	1212.33 N	1185.37 W	38.58578370 N	109.88294163 W	1695.54@	315.64	3.78
8959.00	89.52	318.05	7466.08	95.00	1790.27	1284.05 N	1247.65 W	38.58598365 N	109.88315493 W	1790.37@	315.82	2.05
9055.00	88.72	317.70	7467.55	96.00	1886.15	1355.25 N	1312.04 W	38.58618227 N	109.88337559 W	1886.30@	315.93	0.91
9150.00	88.46	317.13	7469.89	95.00	1981.05	1425.17 N	1376.30 W	38.58637739 N	109.88359593 W	1981.24@	316.00	0.66
9246.00	88.90	317.18	7472.10	96.00	2076.97	1495.54 N	1441.57 W	38.58657379 N	109.88381972 W	2077.20@	316.05	0.46
9342.00	90.48	321.77	7472.62	96.00	2172.68	1568.49 N	1503.93 W	38.58677712 N	109.88403320 W	2173.00@	316.20	5.06
9437.00	89.96	316.39	7472.26	95.00	2267.42	1640.24 N	1566.13 W	38.58697718 N	109.88424620 W	2267.85@	316.32	5.69
9533.00	89.43	311.27	7472.77	96.00	2363.36	1706.70 N	1635.36 W	38.58716304 N	109.88448412 W	2363.73@	316.22	5.36
9629.00	88.99	305.71	7474.09	96.00	2458.66	1766.42 N	1710.46 W	38.58733069 N	109.88474301 W	2458.85@	315.92	5.81
9725.00	88.46	302.99	7476.23	96.00	2552.91	1820.57 N	1789.69 W	38.58748325 N	109.88501668 W	2552.94@	315.49	2.89
9821.00	90.04	300.19	7477.49	96.00	2646.19	1870.85 N	1871.45 W	38.58762531 N	109.88529944 W	2646.20@	314.99	3.35
9917.00	89.78	301.47	7477.64	96.00	2739.18	1920.05 N	1953.88 W	38.58776444 N	109.88558462 W	2739.39@	314.50	1.36
10013.00	86.26	302.25	7480.96	96.00	2832.51	1970.68 N	2035.36 W	38.58790747 N	109.88586637 W	2833.07@	314.08	3.75
10107.00	87.58	305.48	7486.01	94.00	2924.53	2022.98 N	2113.29 W	38.58805488 N	109.88613561 W	2925.48@	313.75	3.71
10202.00	90.40	307.52	7487.68	95.00	3018.40	2079.47 N	2189.63 W	38.58821373 N	109.88639904 W	3019.71@	313.52	3.66
10296.00	90.40	309.25	7487.03	94.00	3111.73	2137.83 N	2263.31 W	38.58837759 N	109.88665303 W	3113.34@	313.37	1.84
10392.00	87.85	310.22	7488.49	96.00	3207.27	2199.19 N	2337.12 W	38.58854965 N	109.88690730 W	3209.13@	313.26	2.84
10488.00	87.32	312.64	7492.54	96.00	3302.97	2262.65 N	2409.02 W	38.58872741 N	109.88715479 W	3304.99@	313.21	2.58

PathFinder – a Schlumberger company

Survey Report

FIDELITY E&P COMPANY
 CANE CREEK UNIT #36-1-25-18
 GRAND COUNTY, UT
 API#: 43-019-50038 Rig: NABORS M40

Page 04/04

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Survey Latitude (deg)	Survey Longitude (deg)	Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
10584.00	89.08	316.55	7495.55	96.00	3398.90	2330.00 N	2477.33 W	38.58891567 N	109.88738944 W	3400.90@	313.24	4.46
10679.00	88.72	318.61	7497.38	95.00	3493.79	2400.12 N	2541.40 W	38.58911130 N	109.88760909 W	3495.61@	313.36	2.20
10775.00	89.52	320.28	7498.85	96.00	3589.51	2473.04 N	2603.81 W	38.58931457 N	109.88782276 W	3591.07@	313.52	1.93
10871.00	89.96	320.81	7499.29	96.00	3685.10	2547.17 N	2664.81 W	38.58952106 N	109.88803144 W	3686.36@	313.71	0.72
10967.00	89.87	319.30	7499.43	96.00	3780.75	2620.76 N	2726.45 W	38.58972613 N	109.88824236 W	3781.79@	313.87	1.58
11063.00	89.78	319.34	7499.72	96.00	3876.50	2693.57 N	2789.02 W	38.58992906 N	109.88845663 W	3877.36@	314.00	0.10
11158.00	89.52	320.08	7500.30	95.00	3971.21	2766.03 N	2850.45 W	38.59013101 N	109.88866691 W	3971.90@	314.14	0.83
11253.00	88.11	320.20	7502.27	95.00	4065.83	2838.94 N	2911.33 W	38.59033414 N	109.88887522 W	4066.37@	314.28	1.49
11349.00	88.37	320.83	7505.22	96.00	4161.38	2912.99 N	2972.34 W	38.59054044 N	109.88908395 W	4161.77@	314.42	0.71
11445.00	87.14	320.52	7508.98	96.00	4256.87	2987.20 N	3033.13 W	38.59074713 N	109.88929188 W	4257.14@	314.56	1.32
11540.00	86.61	320.43	7514.16	95.00	4351.32	3060.36 N	3093.50 W	38.59095096 N	109.88949841 W	4351.50@	314.69	0.57
11637.00	87.41	321.21	7519.22	97.00	4447.73	3135.45 N	3154.69 W	38.59116009 N	109.88970772 W	4447.83@	314.82	1.15
11733.00	89.60	323.21	7521.72	96.00	4542.97	3211.28 N	3213.49 W	38.59137115 N	109.88990859 W	4543.00@	314.98	3.09
11828.00	89.69	322.70	7522.31	95.00	4637.10	3287.11 N	3270.72 W	38.59158211 N	109.89010398 W	4637.10@	315.14	0.54
11895.00	90.22	322.72	7522.36	67.00	4703.52	3340.41 N	3311.32 W	38.59173043 N	109.89024259 W	4703.53@	315.25	0.79
STRAIGHT LINE PROJECTION TO BIT DEPTH AT 11961'MD.												
11961.00	90.22	322.72	7522.11	66.00	4768.96	3392.93 N	3351.29 W	38.59187656 N	109.89037911 W	4768.97@	315.35	0.00



RADIAL ANALYSIS BOND LOG

Baker Atlas

File No:

CH08753

API No:

43019500380000

Company

Well

Field

County

FIDELITY EXPLORATION & PRODUCTION

CANE CREEK 36-1-25-18 STATE

CANE CREEK

GRAND

State

UTAH

Location

LAT: 38.3496,698°N

LONG: 109.5241,50°W

SE/SE

SEC 36

TWP 25S

RGE 18E

Other Services

NONE

Permanent Datum

Log Measured From

Drill Measured From

GL

KB

KELLY BUSHING

Elevation

23 ft

Above P. D.

Elevations

KB 5580 ft

DF 5579 ft

GL 5557 ft

Date 05/MAY/14

Run ONE

Service Order US085753J

Depth Driller 11961 ft

Depth Logger 7604 ft

Bottom Logged Interval 7594 ft

Top Logged Interval 2000 ft

Time Started 1530

Time Finished 1930

Operator Rig Time 4 HRS

Type of Fluid in Hole KCL

Fluid Density NA

Salinity NA

Fluid Level NA

Logged Cement Top NA

Wellhead Pressure 0 psi

Maximum Hole Deviation 90 deg

Nominal Logging Speed 65 fpm

Maximum Recorded Temperature NA

Reference Log BAKER HUGHES SBT

Reference Log Date 25/APR/14

Equipment No. 4271

Location GRAND UCT. CO

Recorded By FLOYD RENEAU

Witnessed By PAUL ROBERT

- FOLD HERE

In making interpretations of logs, our employees will give the customer the benefit of their best judgement. But since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and we do not guarantee the accuracy or correctness of any interpretation. We shall not be liable or responsible for any loss, cost, damages, or expenses whatsoever incurred or sustained by the customer resulting from any interpretation made by any of our employees.

Borehole Record

Bit Size	From	To
----------	------	----

Casing Record

Size	Weight	Grade	From	To
------	--------	-------	------	----

9.625 in	47 lbm/ft	P-110	SURFACE	4583 ft
7 in	29 lbm/ft		SURFACE	4393 ft
7 in	32 lbm/ft		4393 ft	7800 ft
7 in	29 lbm/ft		7800 ft	11961 ft

Remarks

All data on this log was linearly shifted using the Gamma Ray curve for reference to tie in to the bottom of the Baker Hughes SBT log dated 25/APR/2014.

The amount of linear shift is 11.5 feet.

Logged with zero PSI at wellhead.

SHORT JOINT = 4281'-4302'

RECEIVED: Mar. 05, 2015

Equipment Data

Run	Trip	Tool	Series Number	Serial Number	Position
1	1	VDL	1426XA	10218496	CENT
1	1	GRICCL	2559XA	10417466	CENT

PRIMARY PRESENTATION

0 PSI

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	338.000	usec	1965.187	4405.000
RAL	Amp Gate Start Near	234.000	usec	1965.187	4405.000
RAL	Amp Gate Start Radial	234.000	usec	1965.187	4405.000
RAL	Amp Gate Width Far	25.000	usec	1965.187	4405.000
RAL	Amp Gate Width Near	25.000	usec	1965.187	4405.000
RAL	Amp Gate Width Radial	25.000	usec	1965.187	4405.000
RAL	casing od	7.000	inches	1965.187	4405.000
RAL	casing wt	29.000	lbm/ft	1965.187	4405.000
RAL	FB Start Far	335.005	usec	1965.187	4405.000
RAL	FB Start Near	218.194	usec	1965.187	4405.000
RAL	FB Start Radial	218.194	usec	1965.187	4405.000
RAL	FB Thresh Far	10.000	mv	1965.187	4405.000
RAL	FB Thresh Near	4.000	mv	1965.187	4405.000
RAL	FB Thresh Radial	4.000	mv	1965.187	4405.000
RAL	Fluid Travel Time	222.000	usec/ft	1965.187	4405.000
RAL	Amp Gate Start Far	340.000	usec	4405.000	7642.000
RAL	Amp Gate Start Near	230.000	usec	4405.000	7642.000
RAL	Amp Gate Start Radial	230.000	usec	4405.000	7642.000
RAL	Amp Gate Width Far	25.000	usec	4405.000	7642.000
RAL	Amp Gate Width Near	25.000	usec	4405.000	7642.000
RAL	Amp Gate Width Radial	25.000	usec	4405.000	7642.000
RAL	casing od	7.000	inches	4405.000	7642.000
RAL	casing wt	32.000	lbm/ft	4405.000	7642.000
RAL	FB Start Far	333.392	usec	4405.000	7642.000
RAL	FB Start Near	216.580	usec	4405.000	7642.000

RAL	FB Start Radial	216.580	u sec	4405.000	7642.000
RAL	FB Thresh Far	10.000	mv	4405.000	7642.000
RAL	FB Thresh Near	4.000	mv	4405.000	7642.000
RAL	FB Thresh Radial	4.000	mv	4405.000	7642.000
RAL	Fluid Travel Time	222.000	u sec/ft	4405.000	7642.000

DEPTH OFFSETS

(for Acquired Curves)

SERIES	DEPTH OFFSET	ACQUIRED CURVES					
1426XA	-19.080	ACAL	ANR	AR1	AR2	AR3	AR4
		AR5	AR6	AR7	AR8	CHV	FPR2
		FPR3	FPR5	TT3	TTR1	TTR2	TTR3
		TTR4	TTR5	TTR6	TTR7	TTR8	XAMP
1426XA	-18.080	AFAR	SIG	TT5			
2459XA	-11.340	CCL					
2459XA	-9.490	GR					
2459XA	-4.090	NEU					

Created by : RAL, v4.8.008

Plotted by : PlotMgr, v5.4.504

Company : FIDELTY EXPLORATION & PRODUCTION

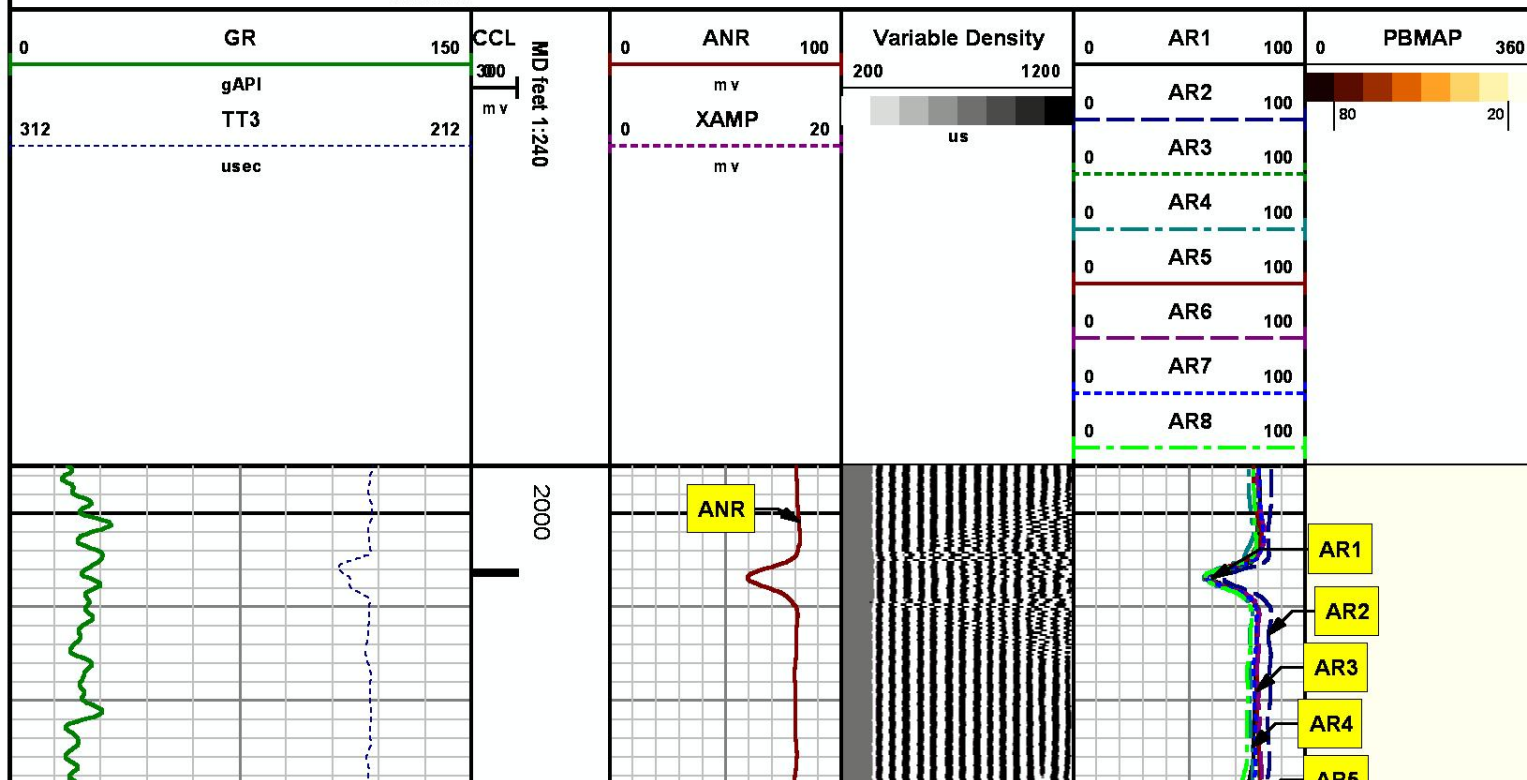
Well : CANE CREEK 36-1-25-18 STATE

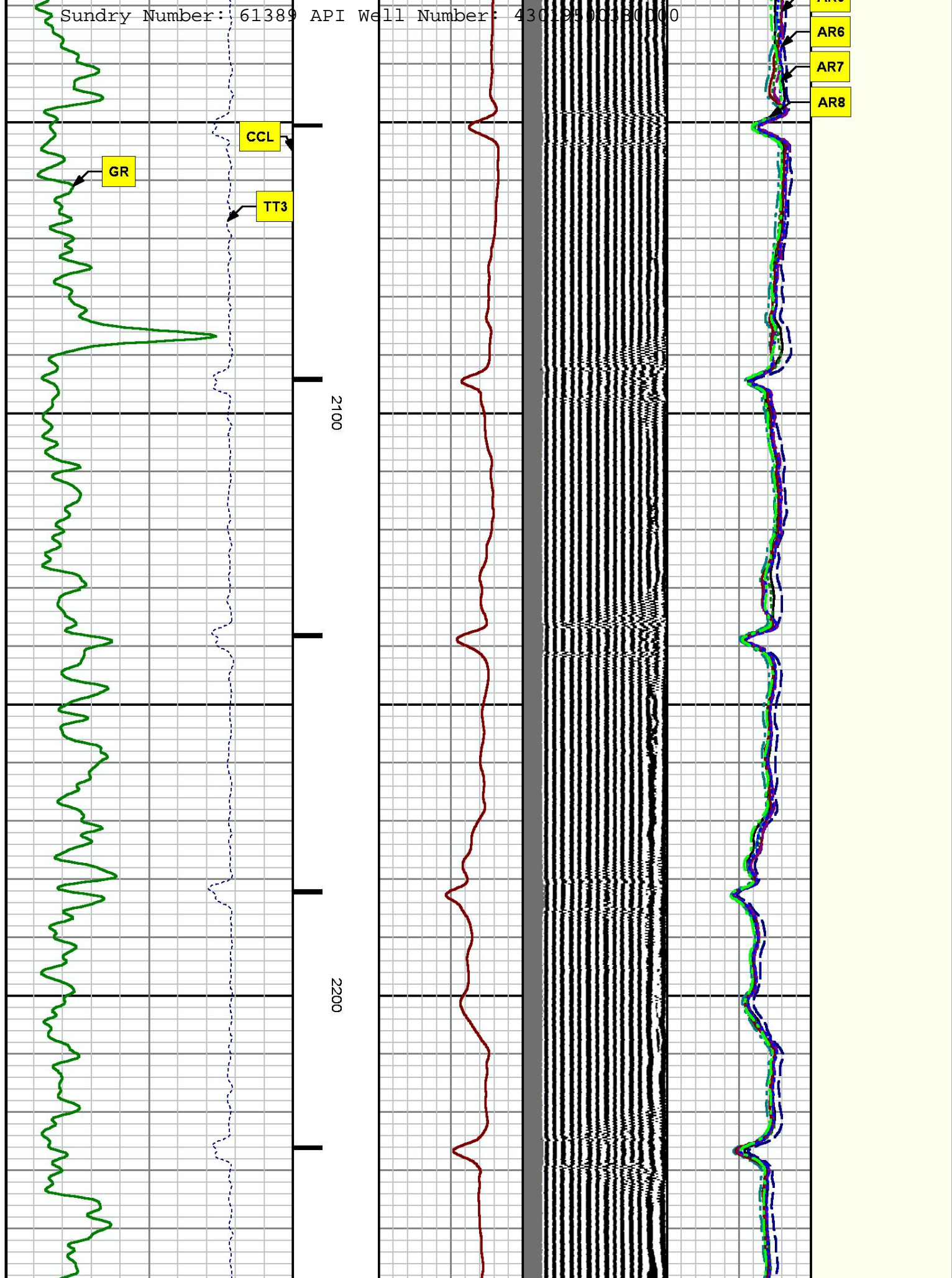
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Mode : PlotMgr 5.4.504

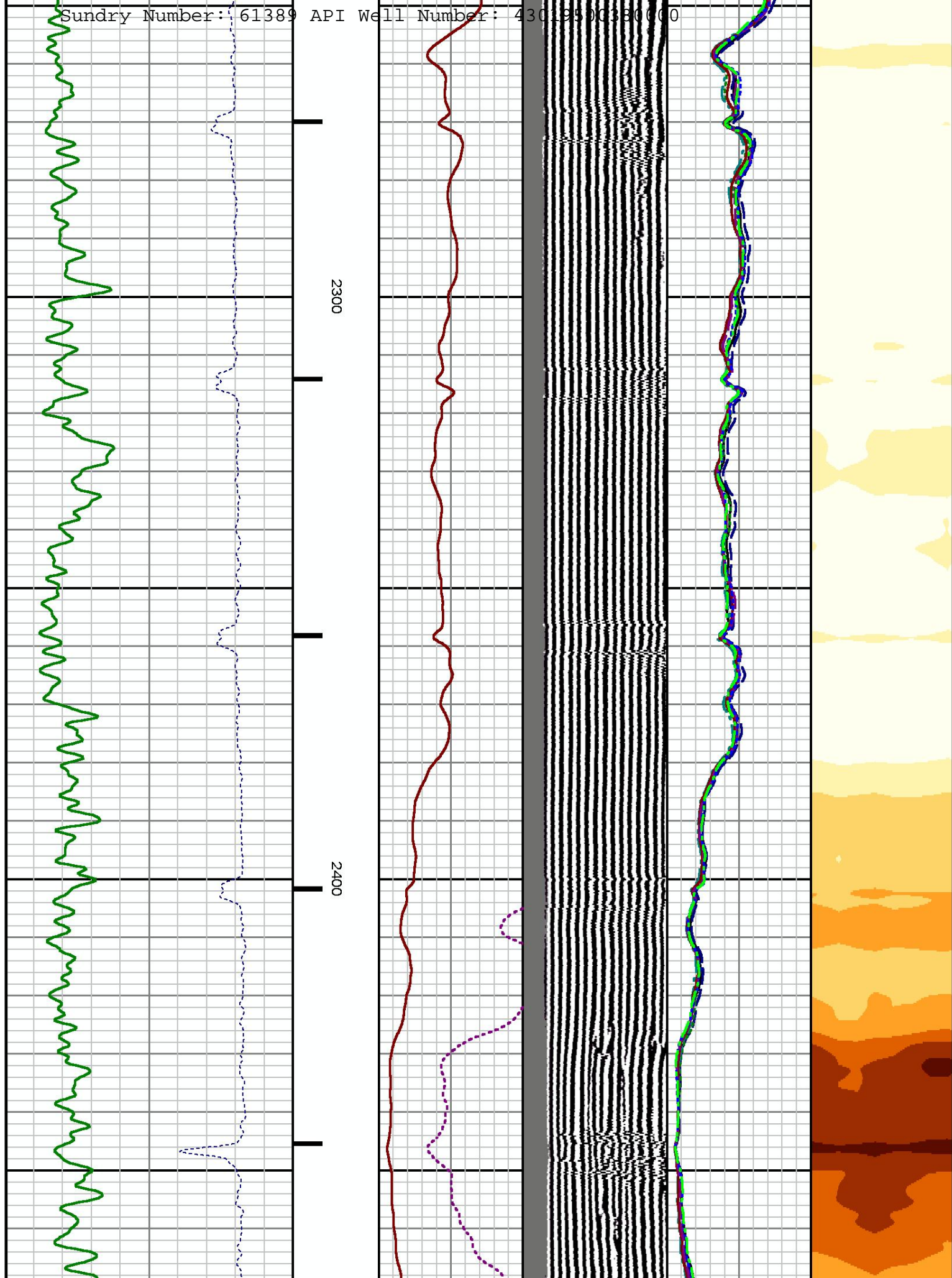
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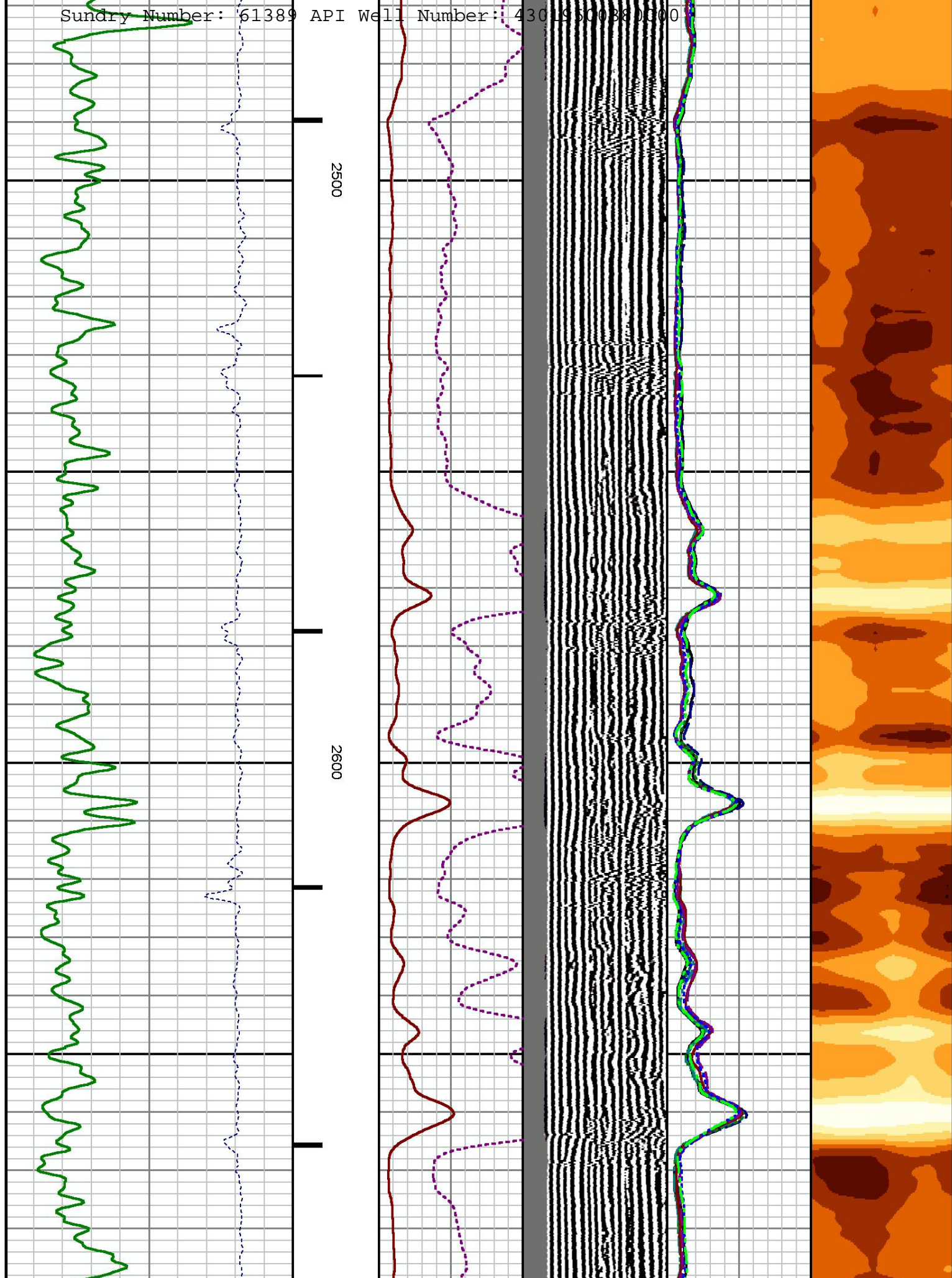
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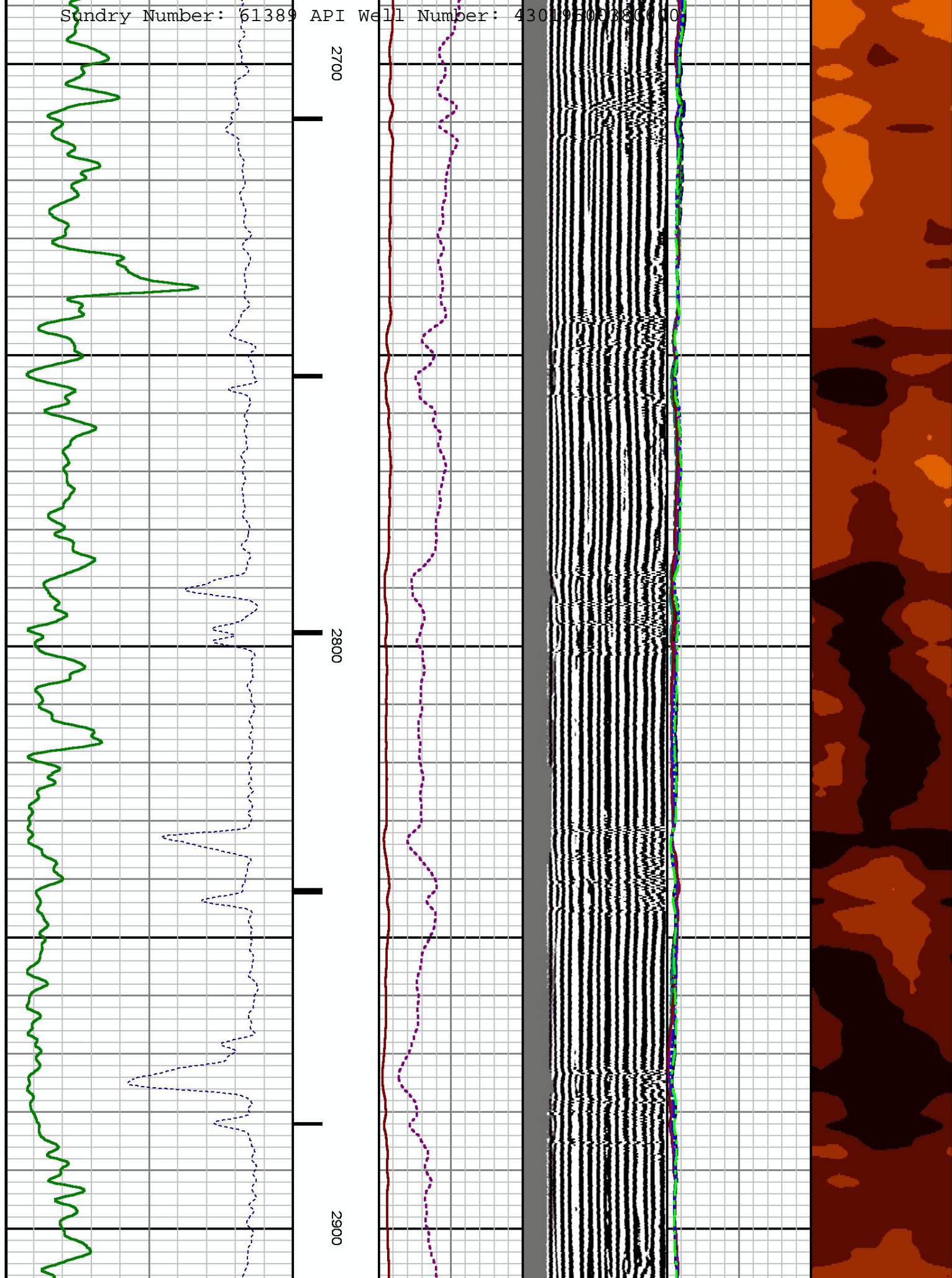


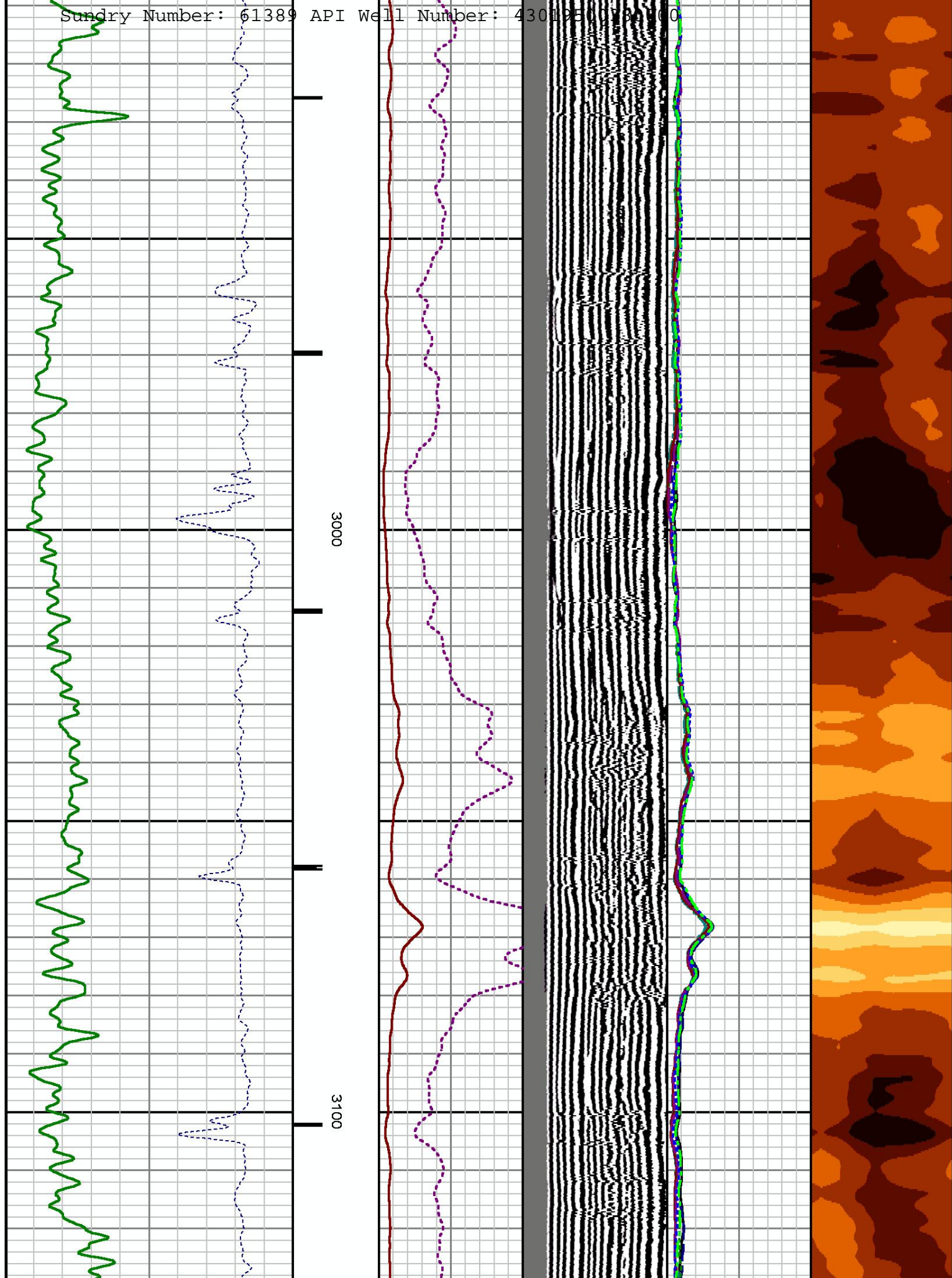
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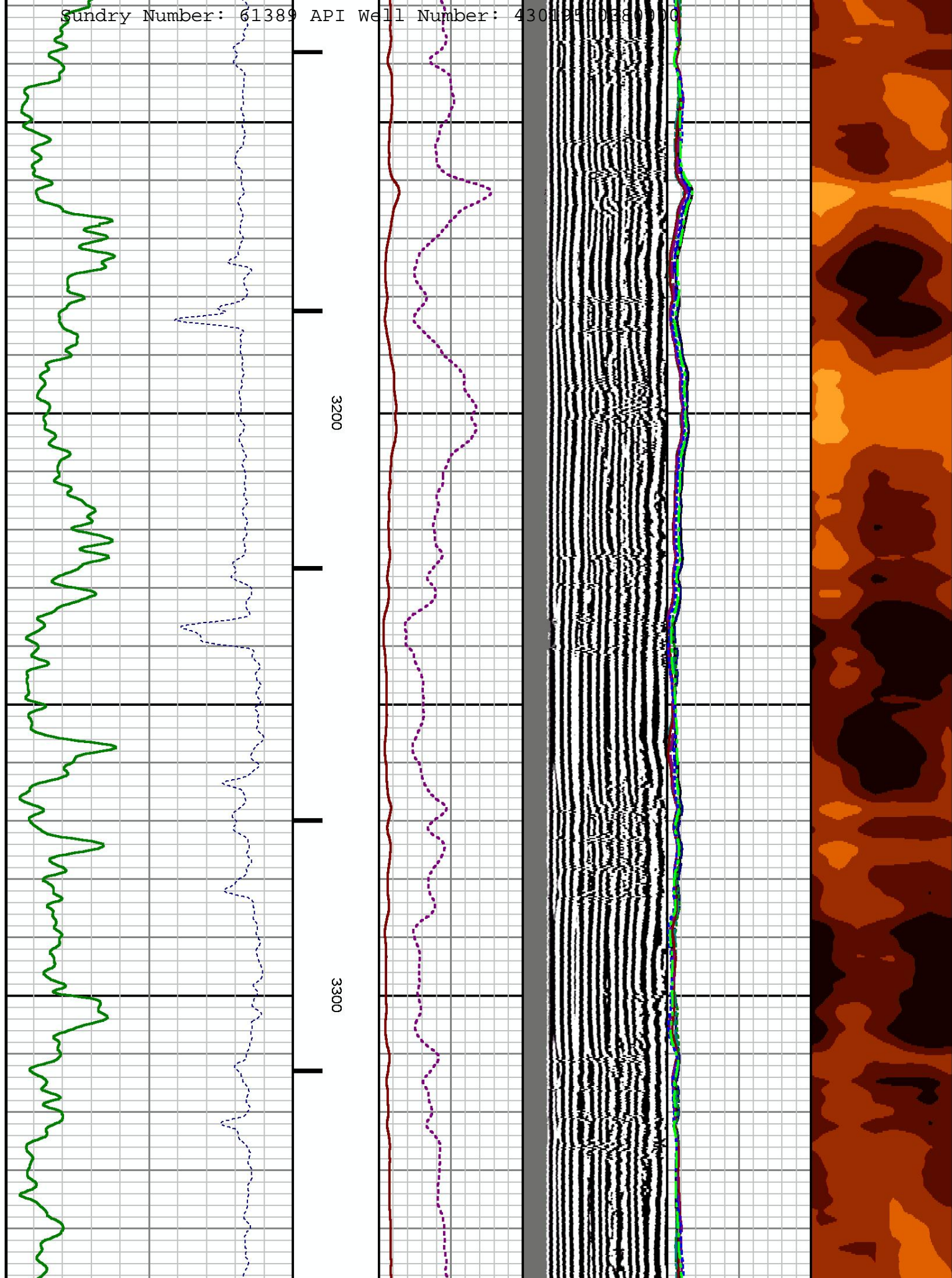


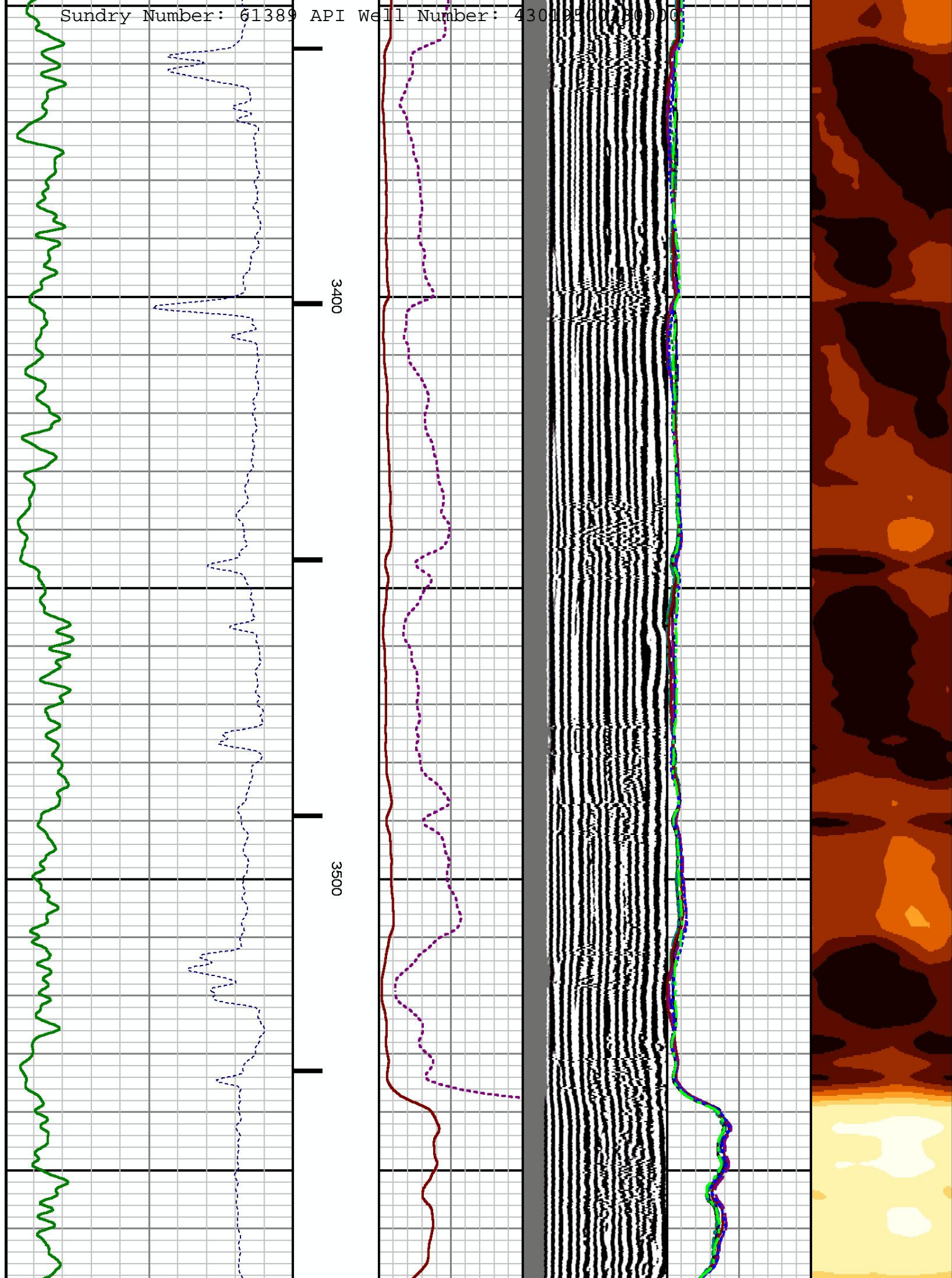


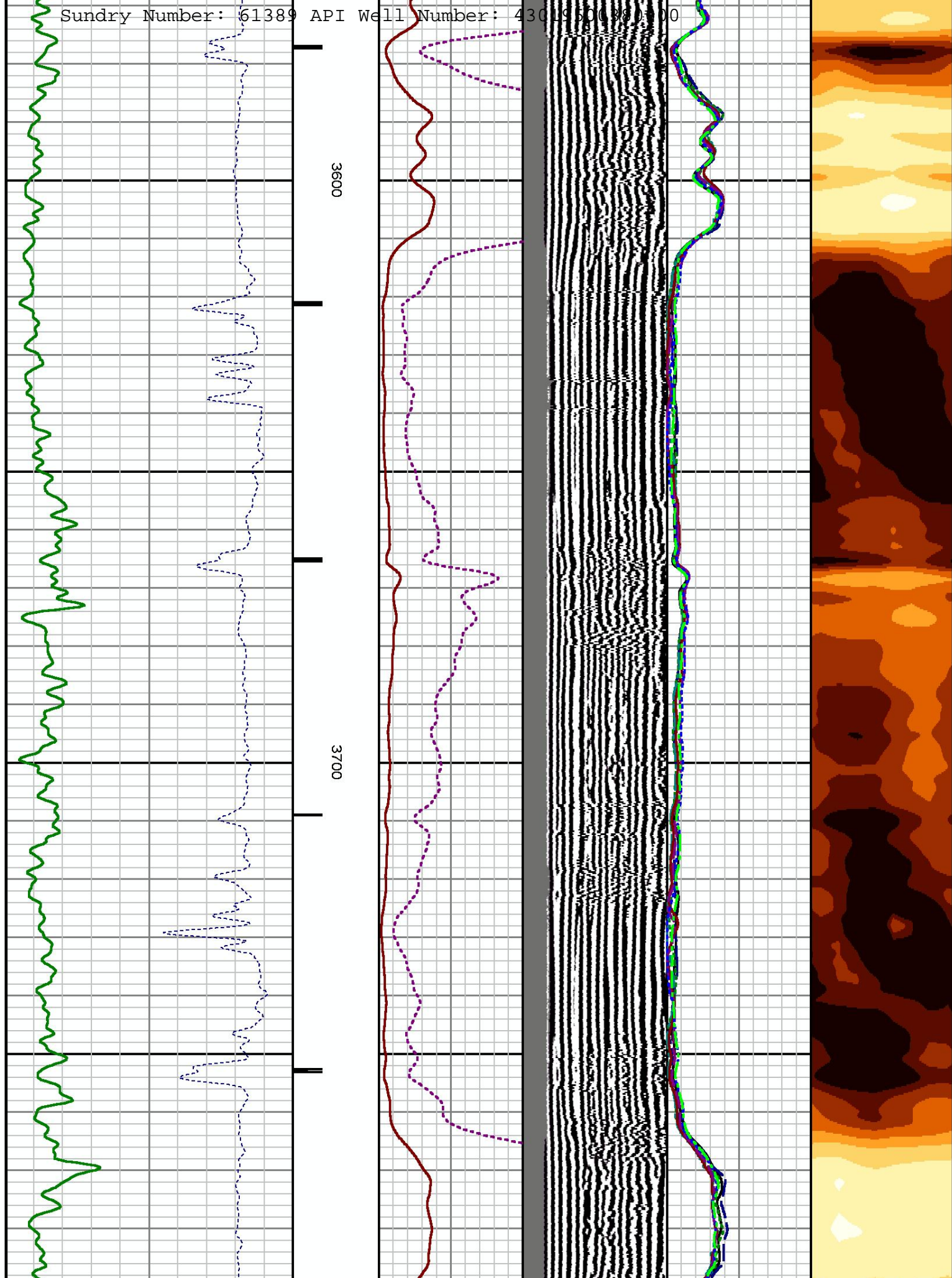
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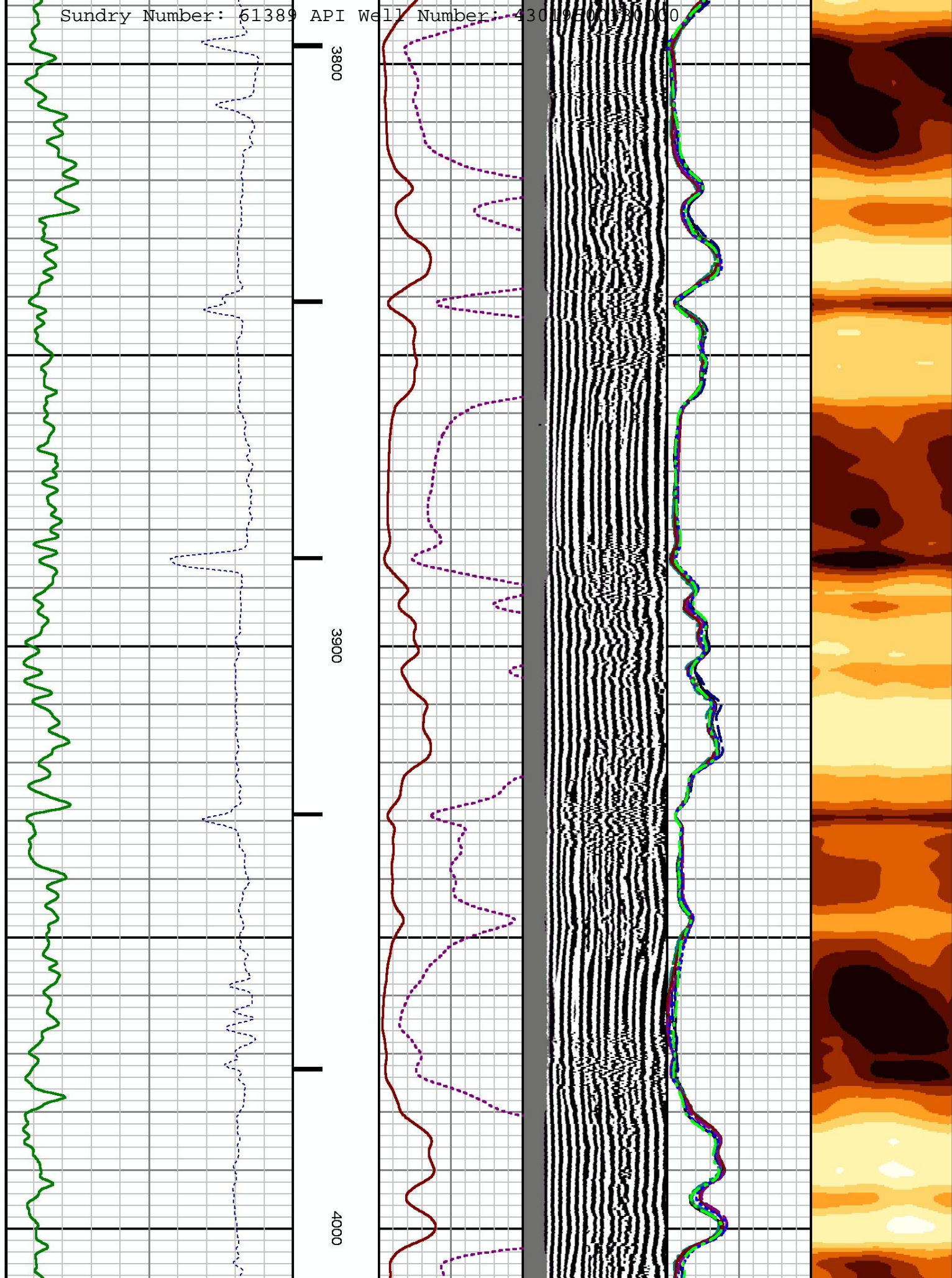


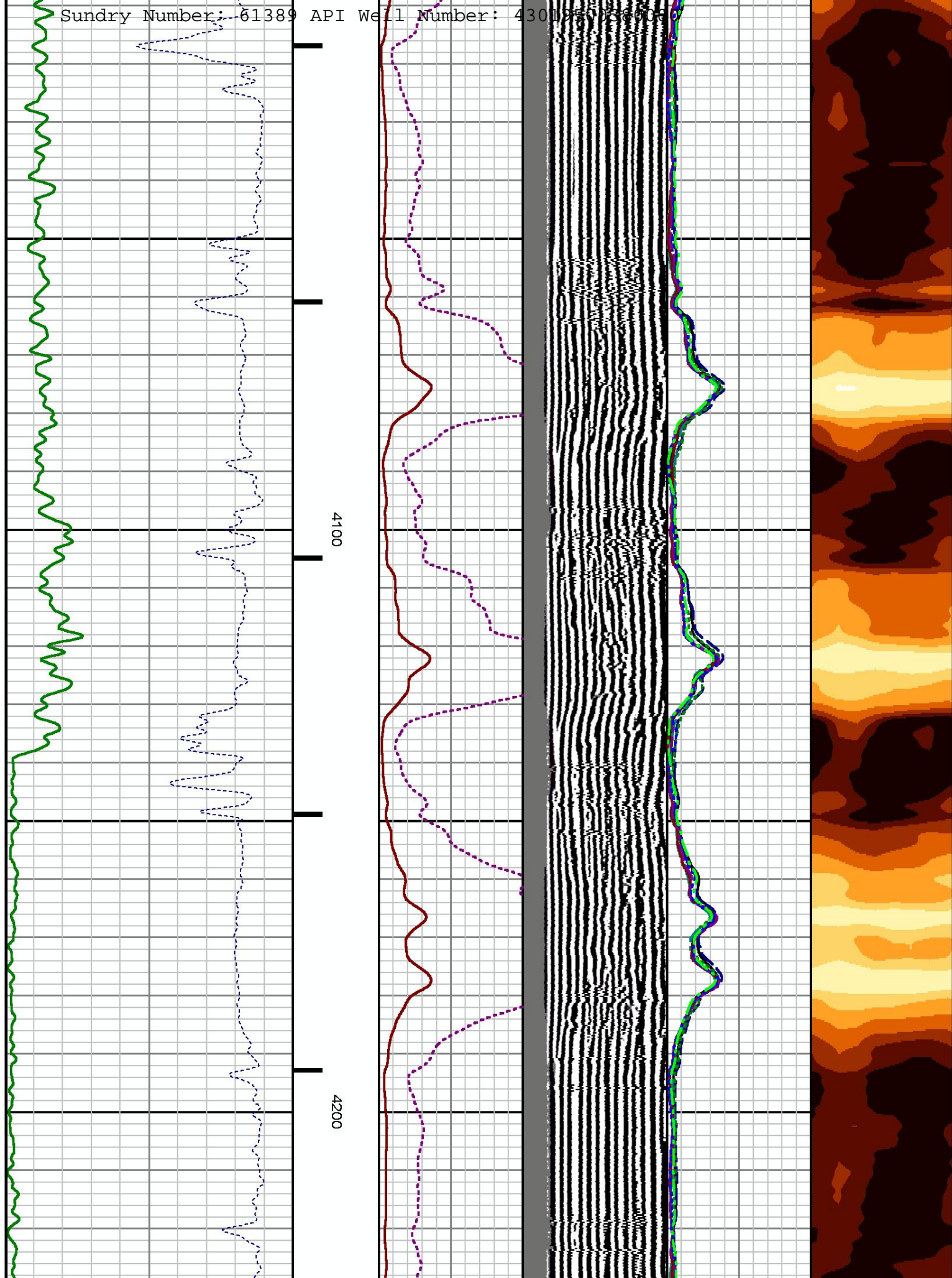


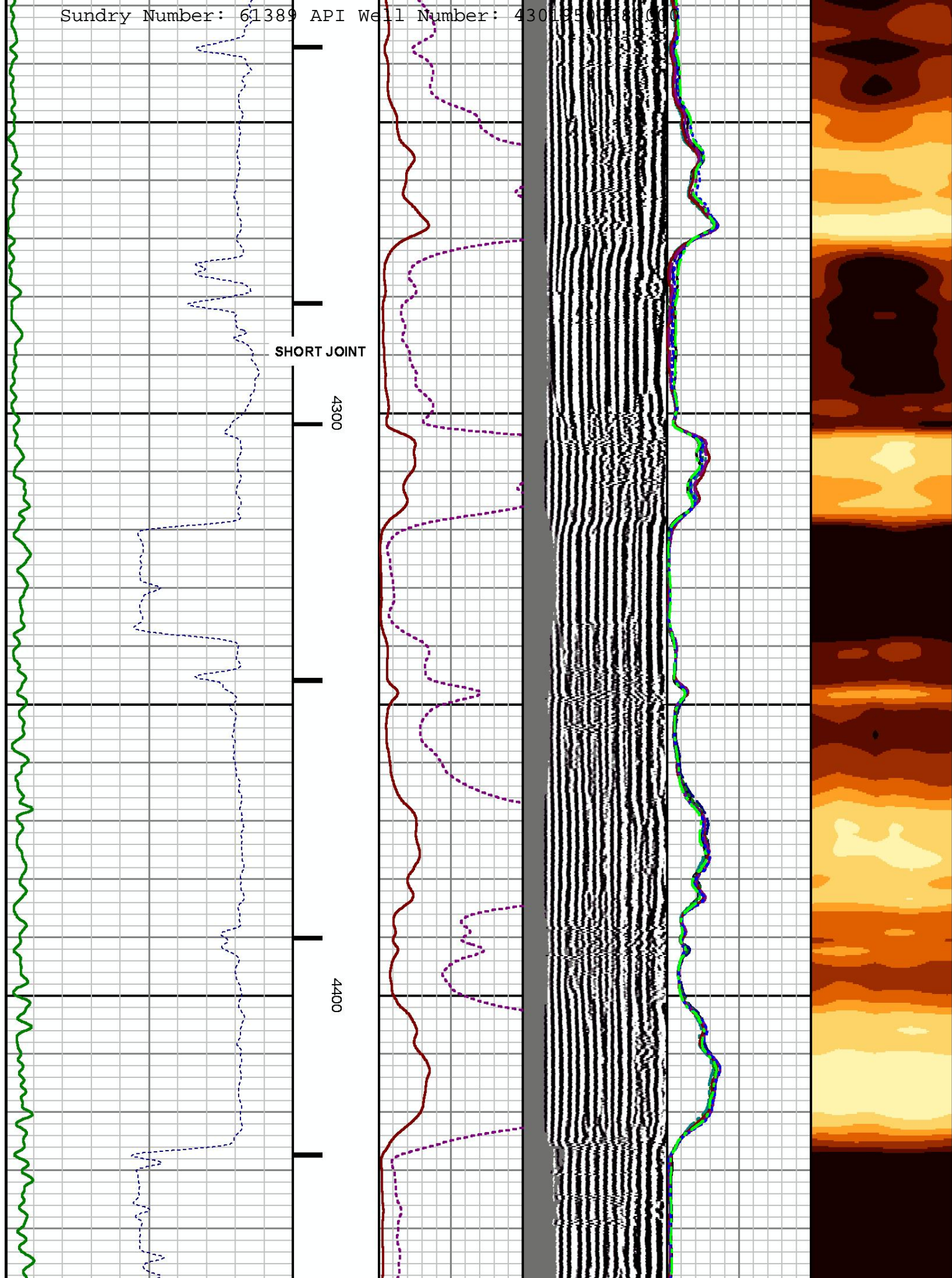


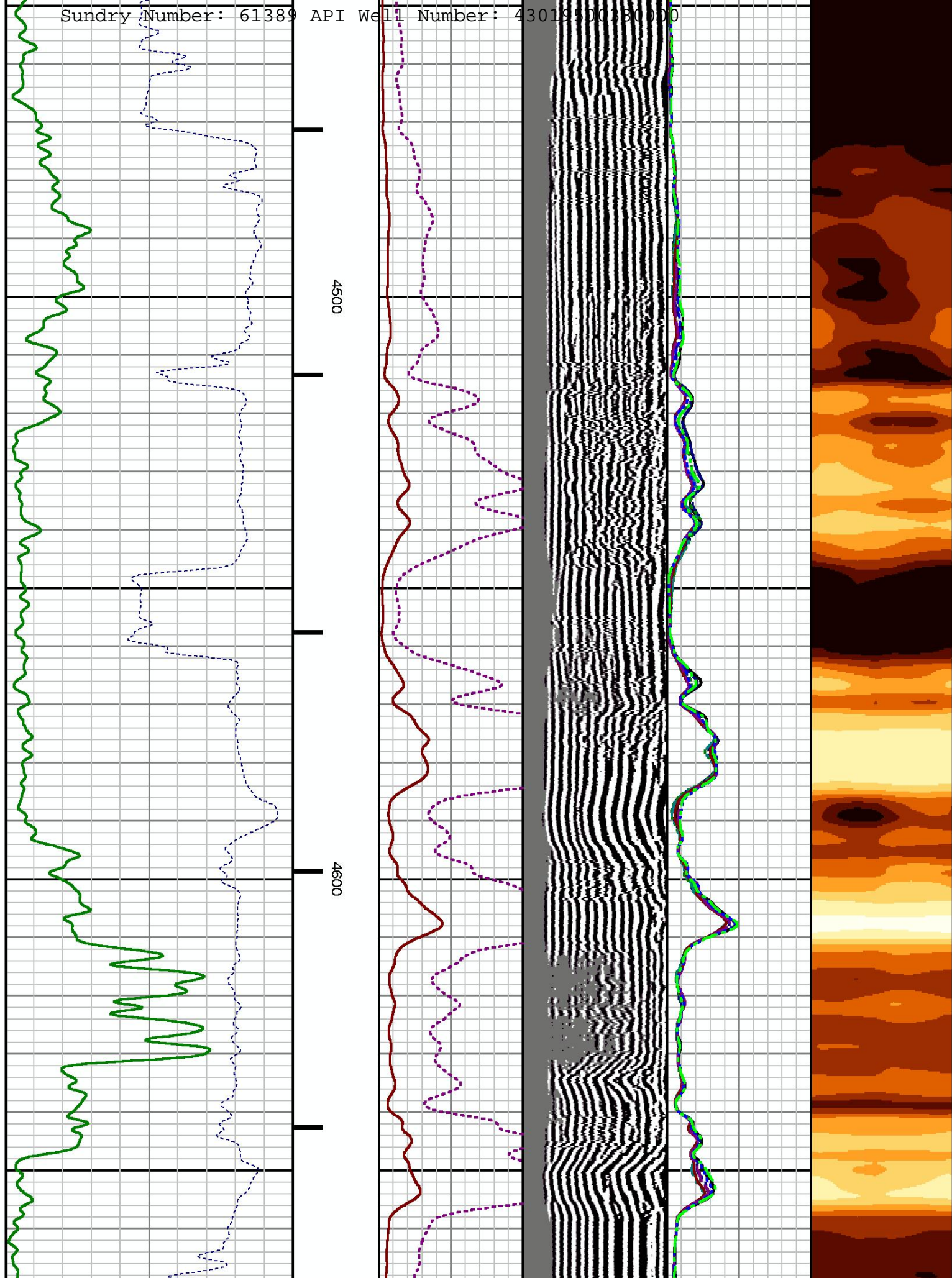


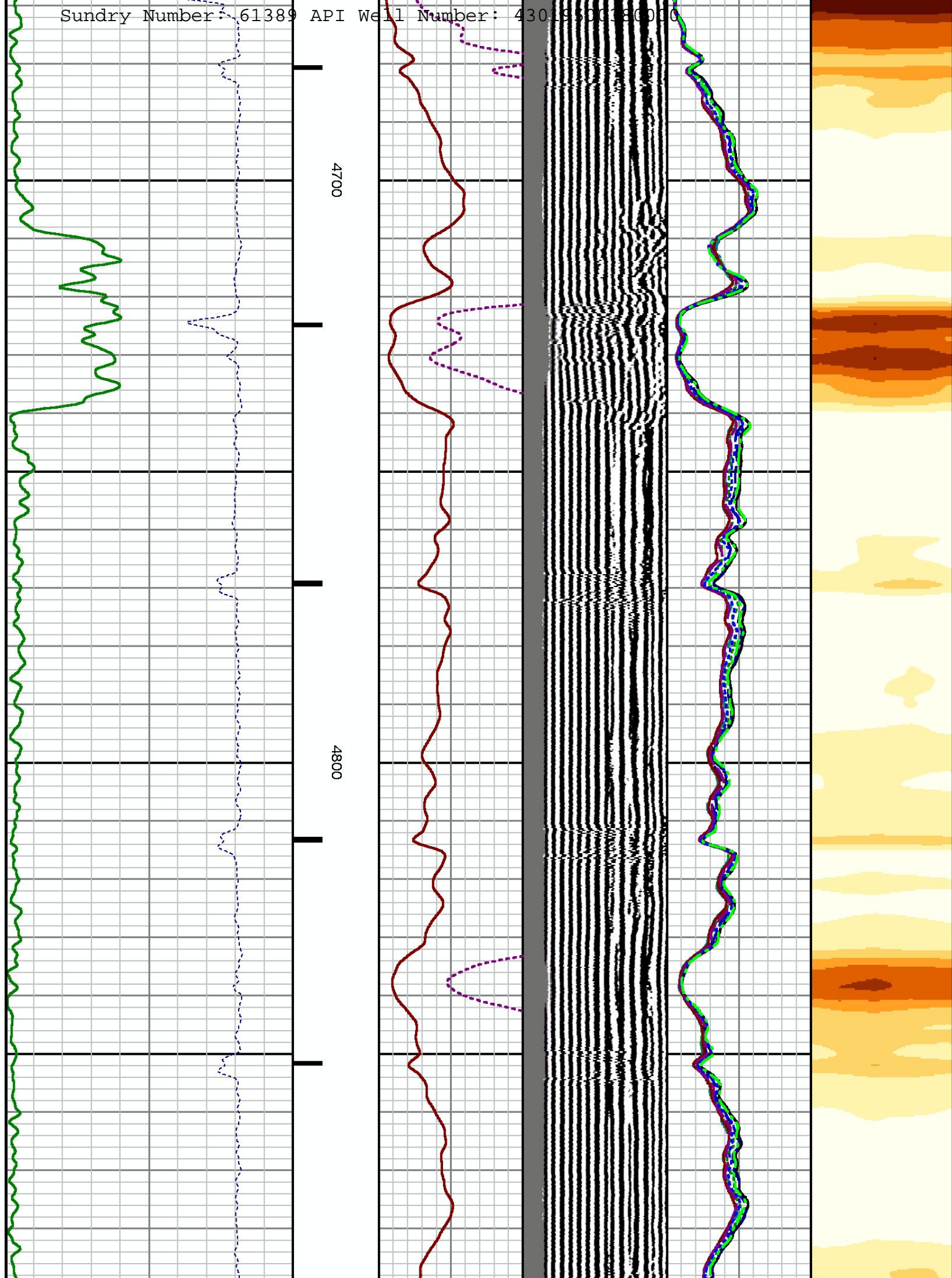




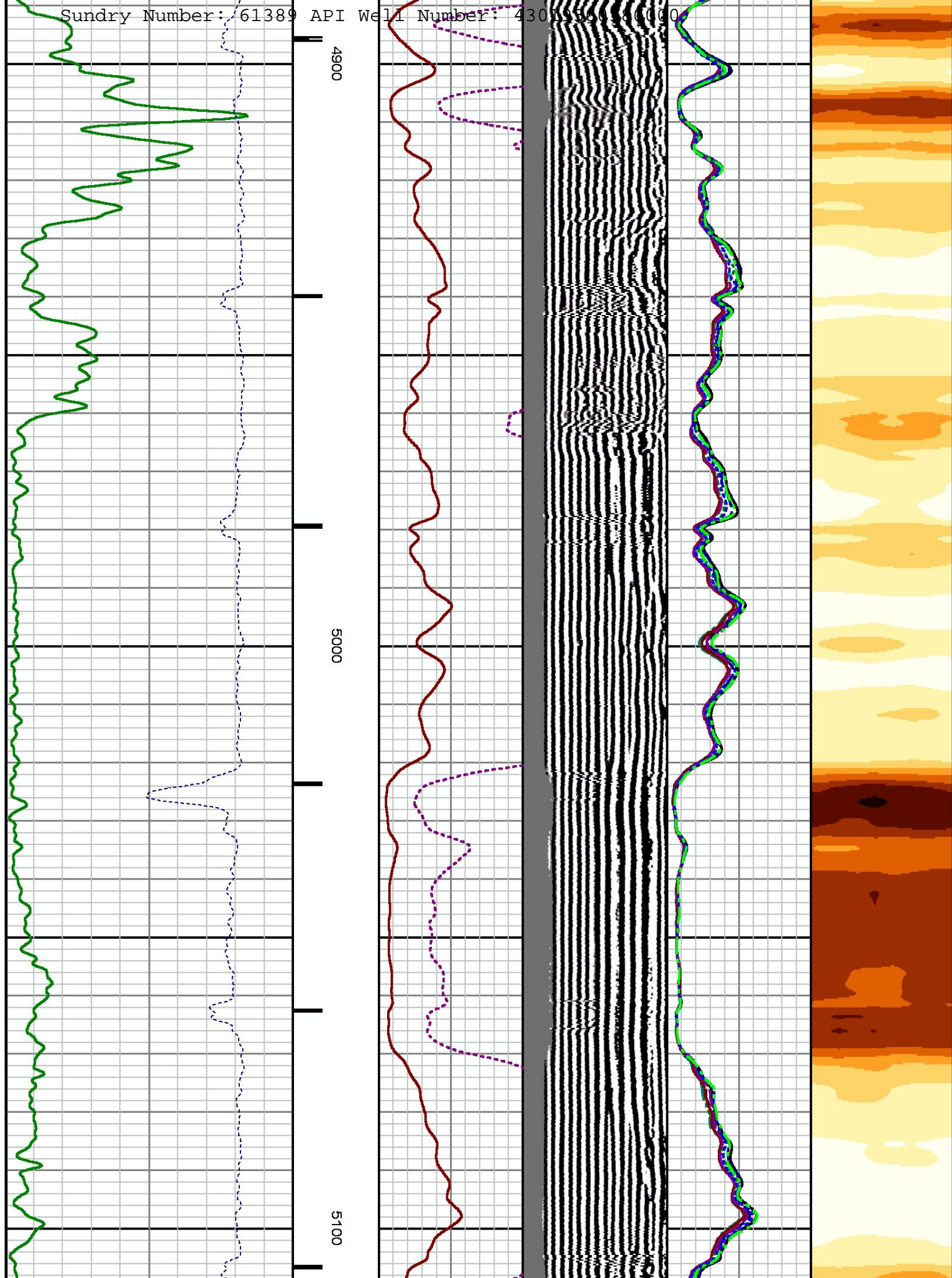


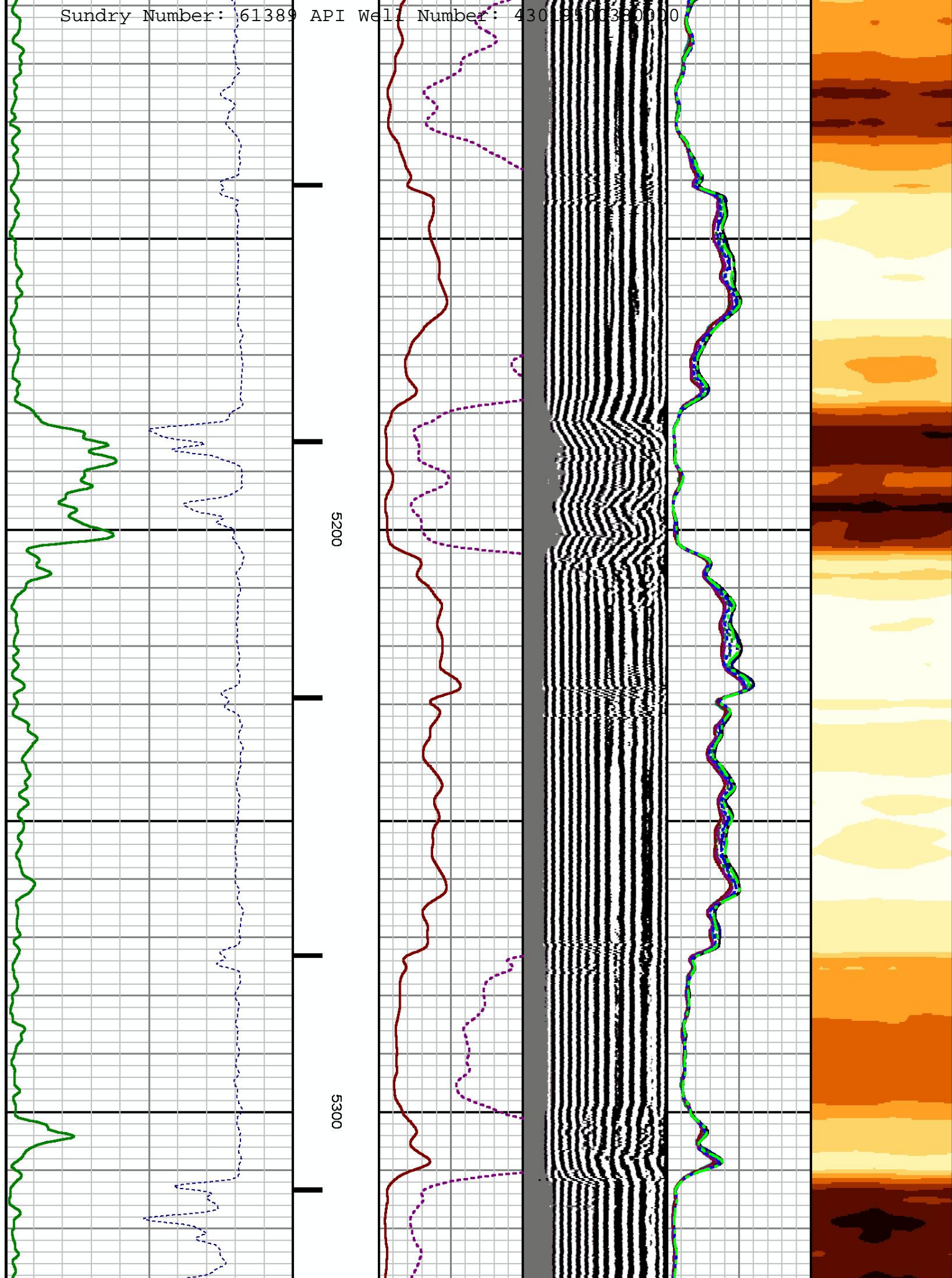


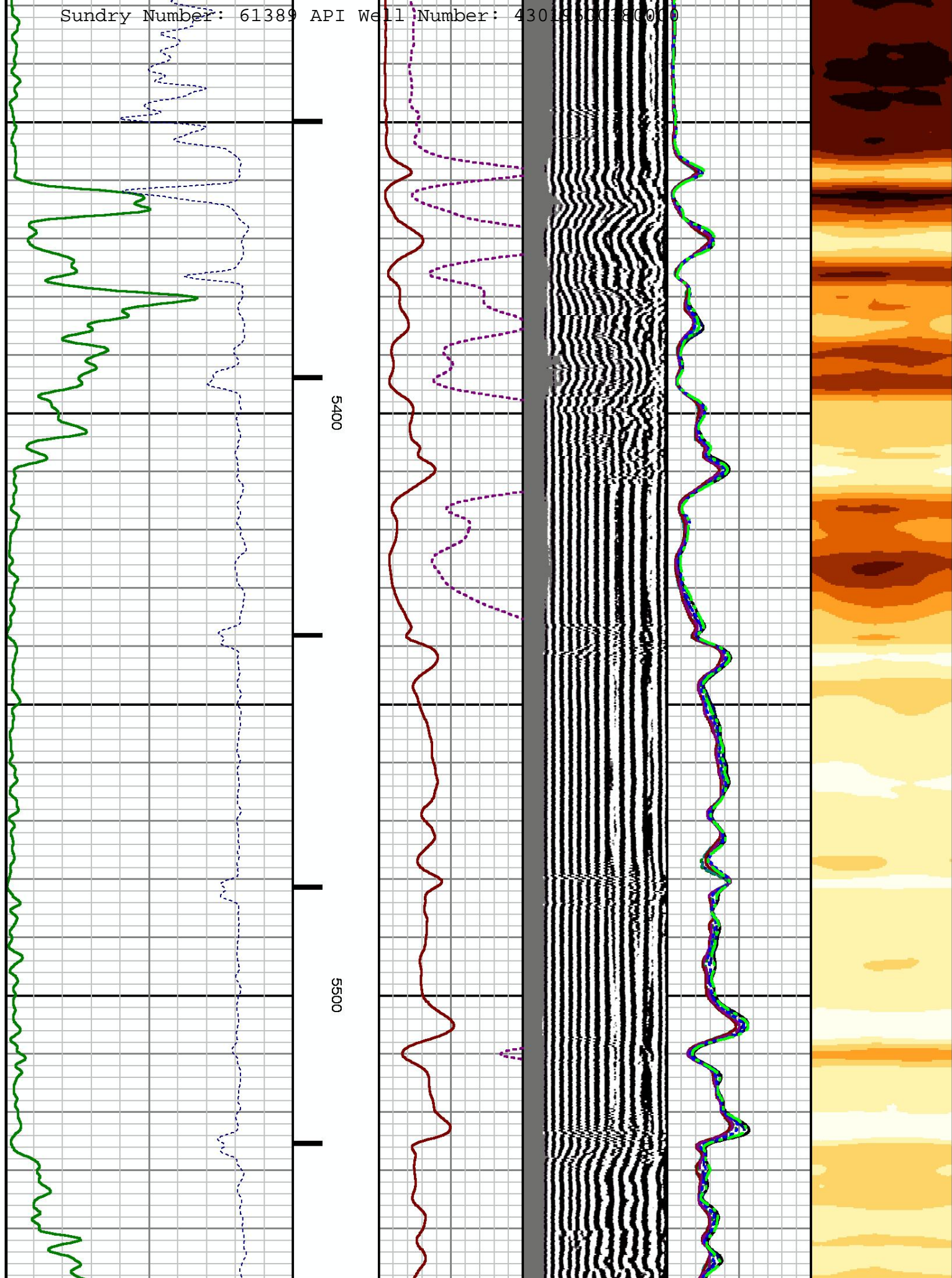


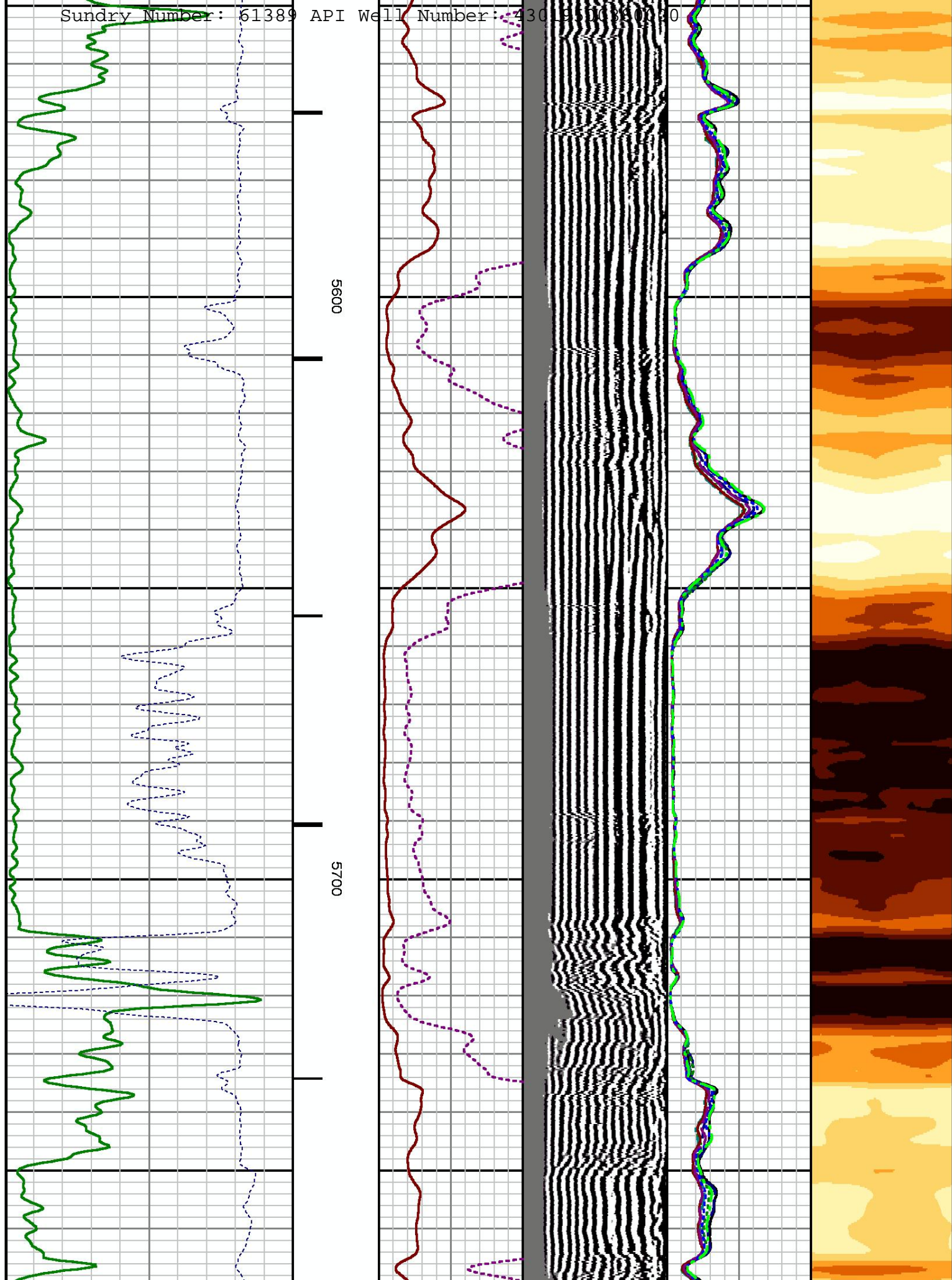


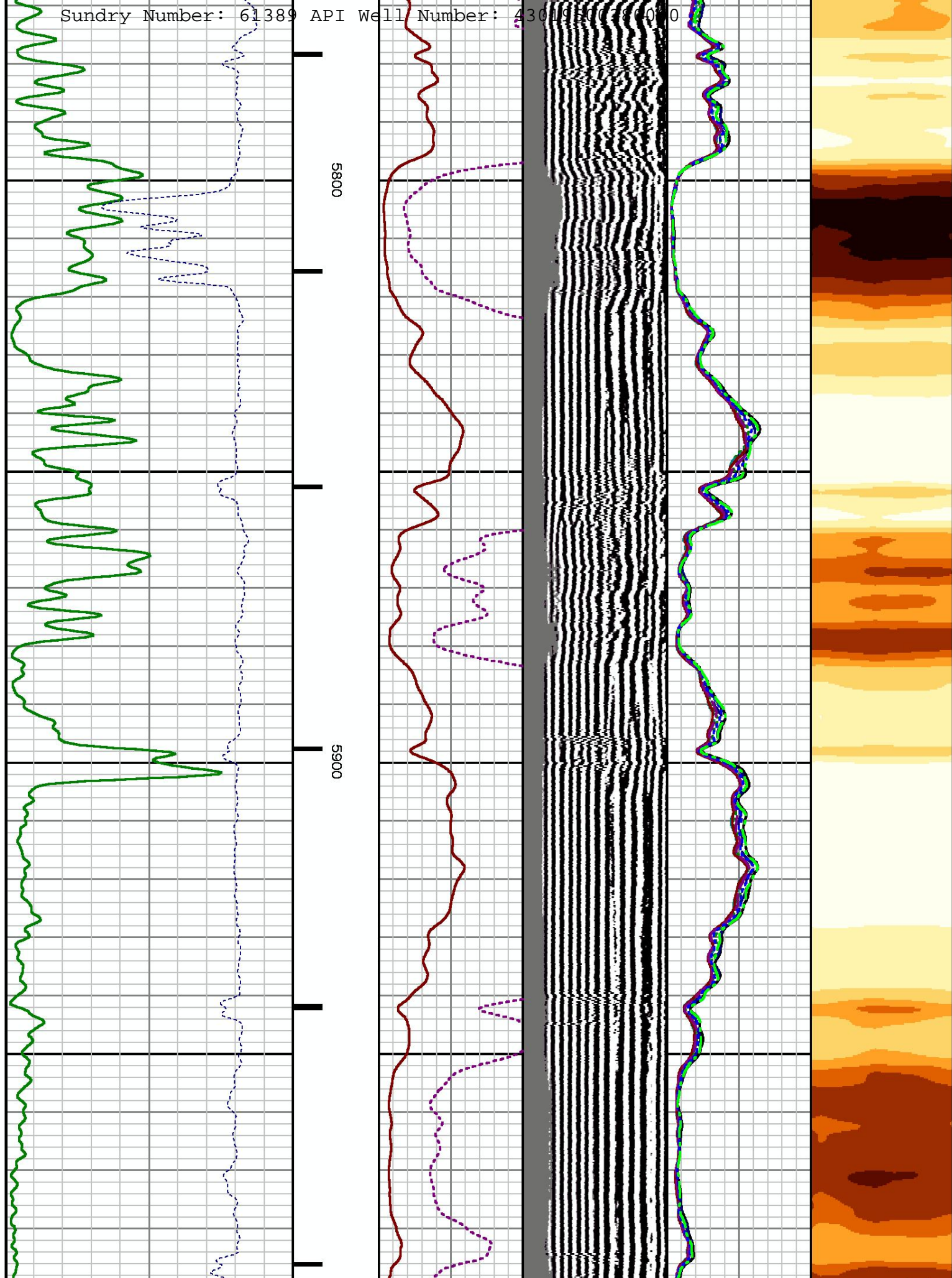
Sundry Number: 61389 API Well Number: 4301556 80000

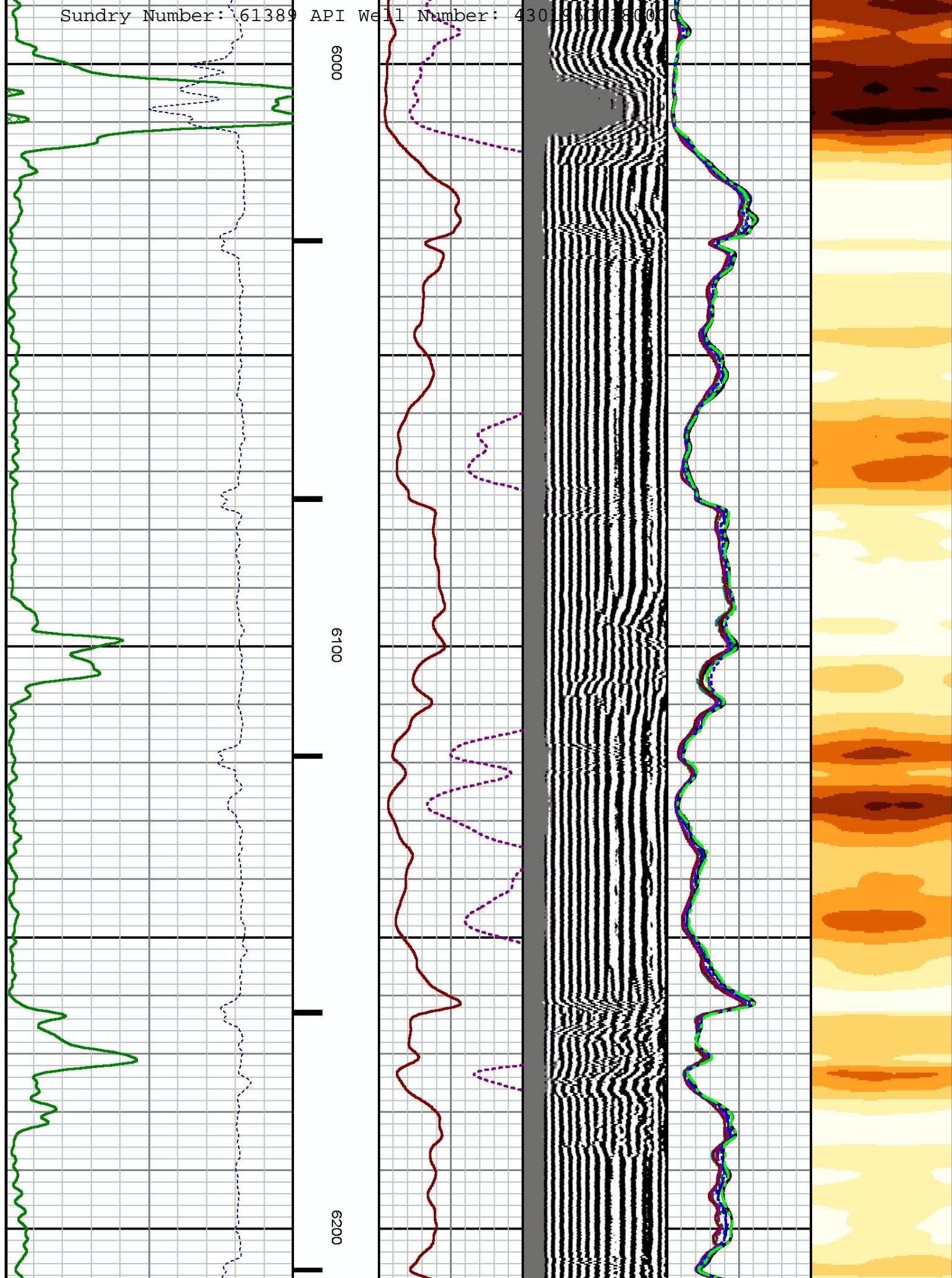


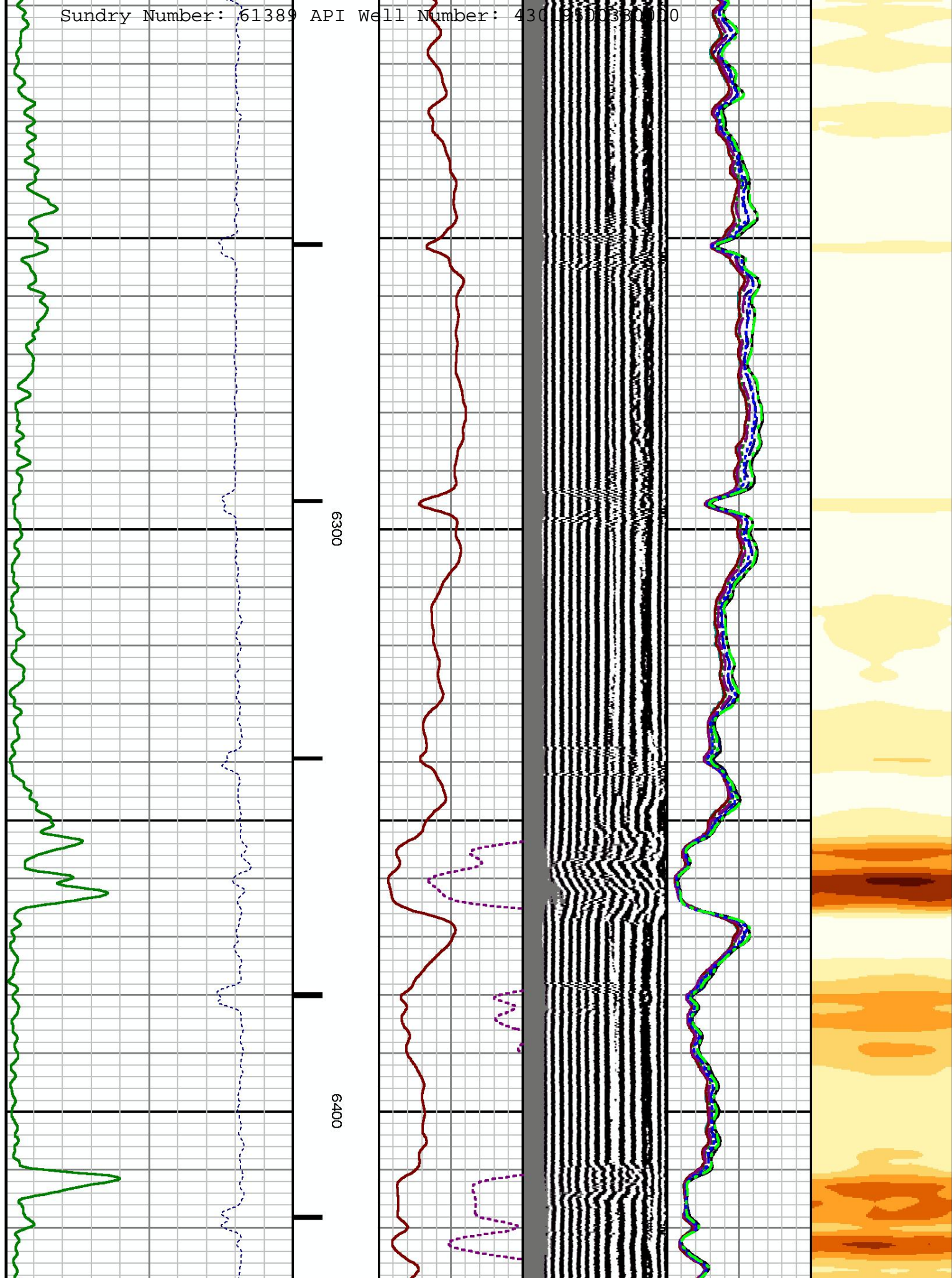


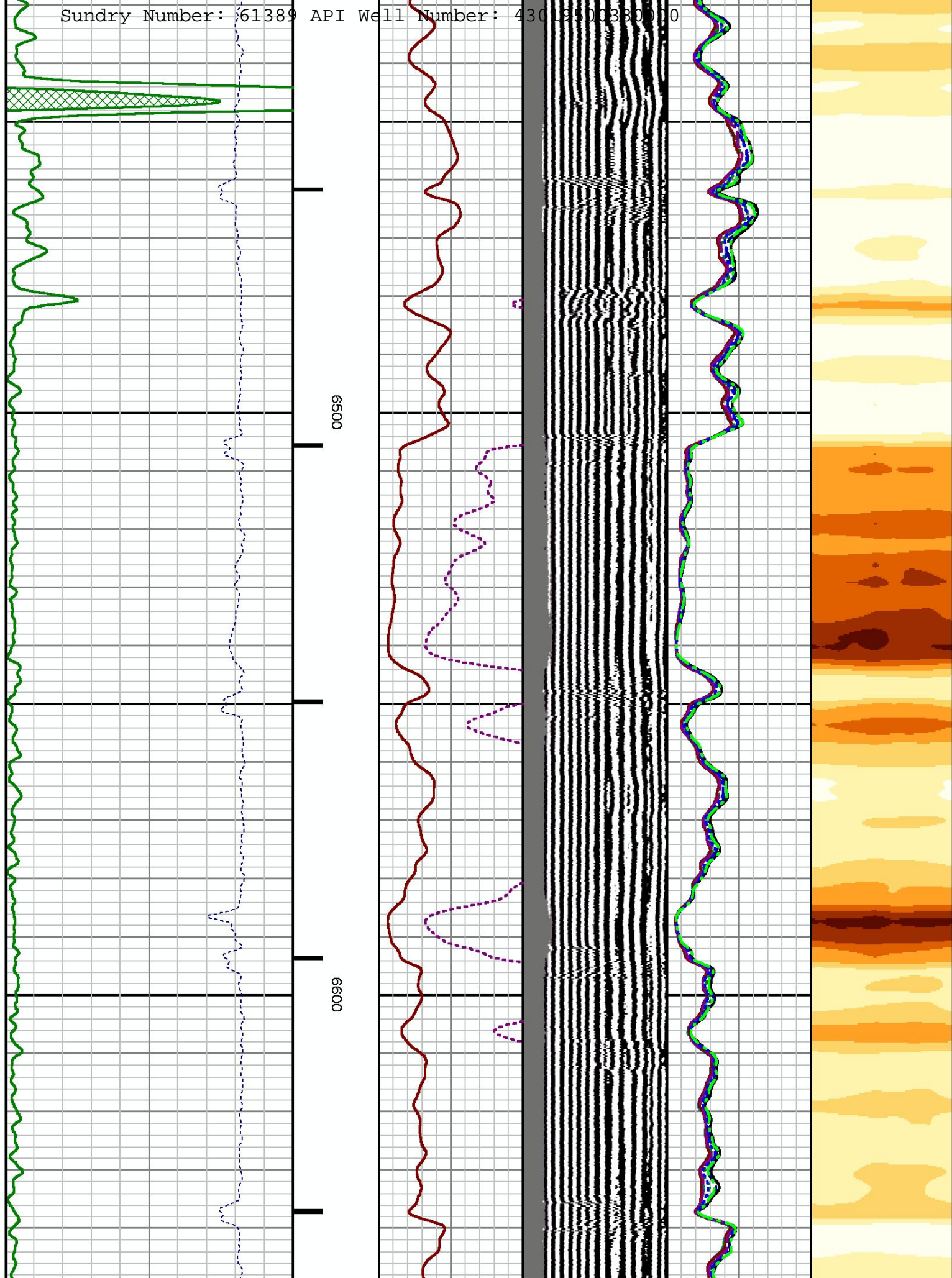


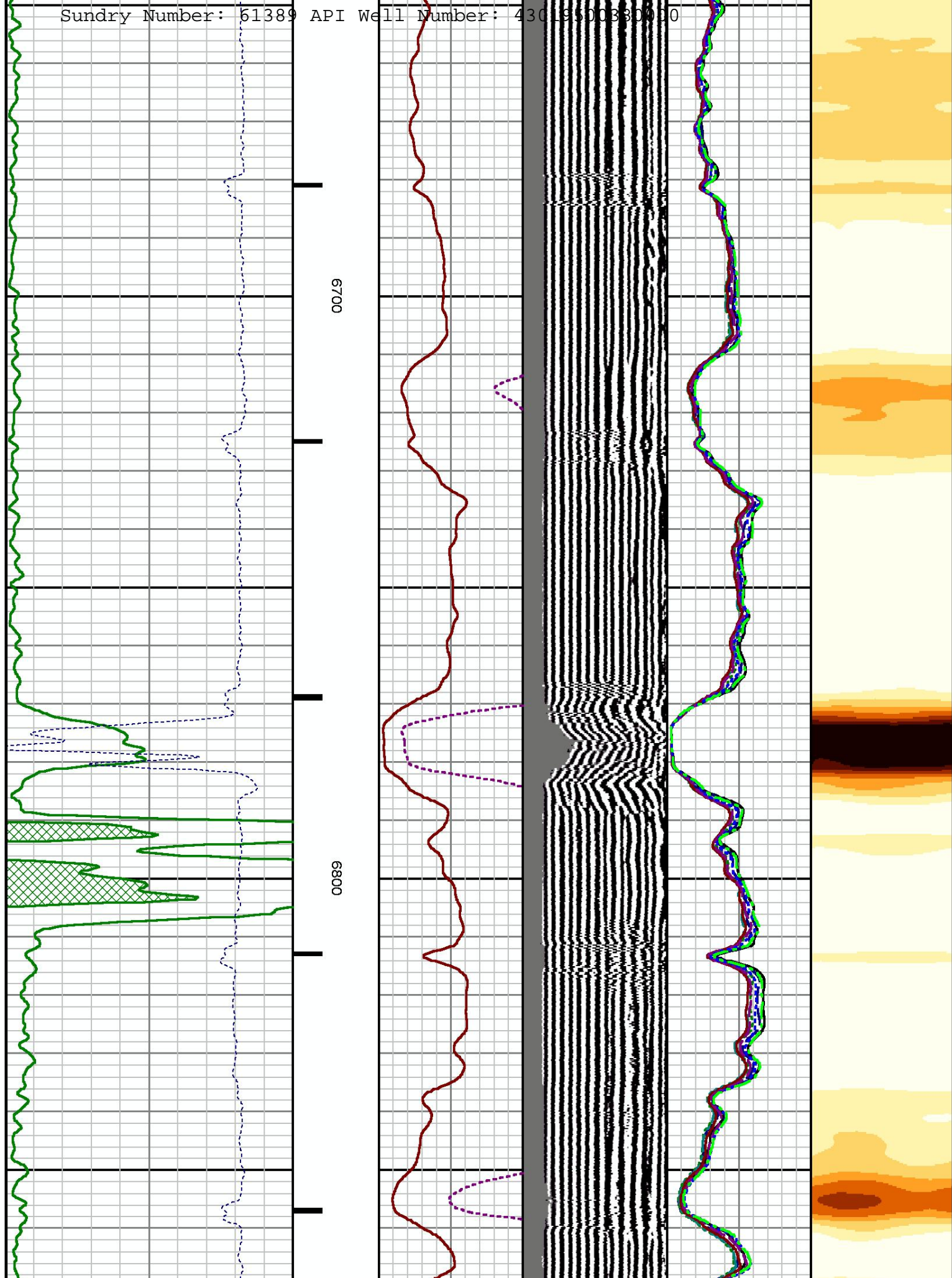


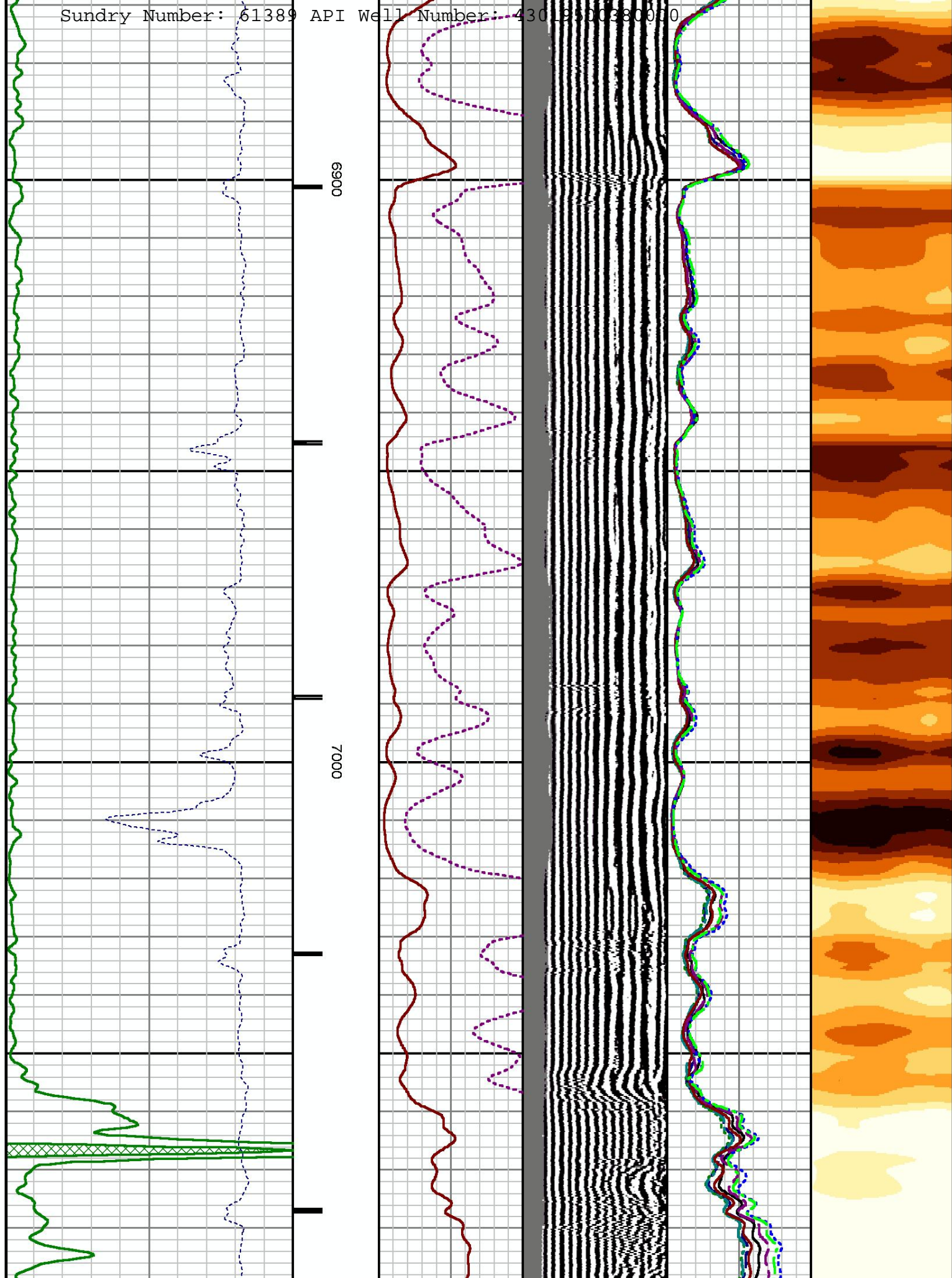


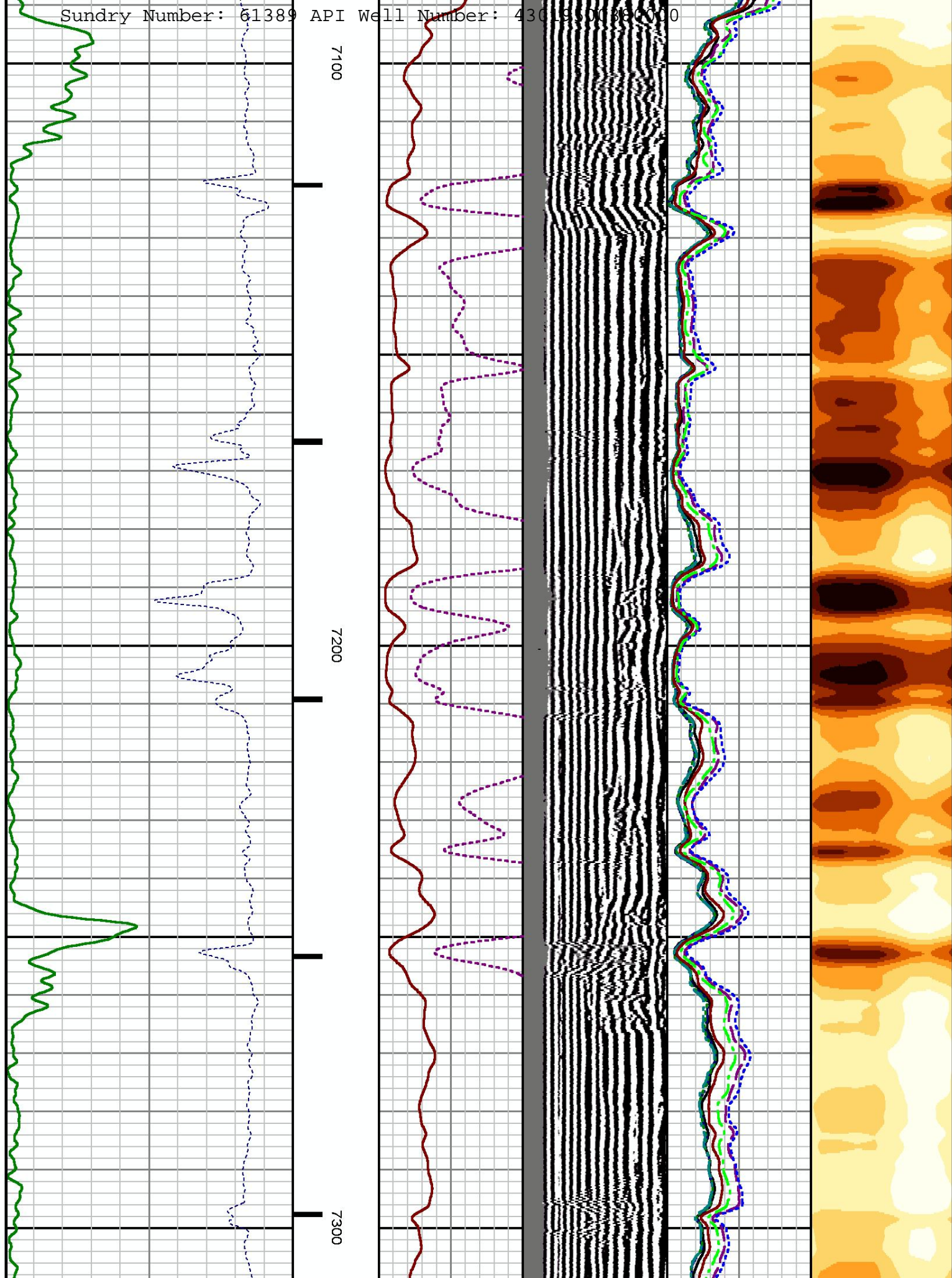


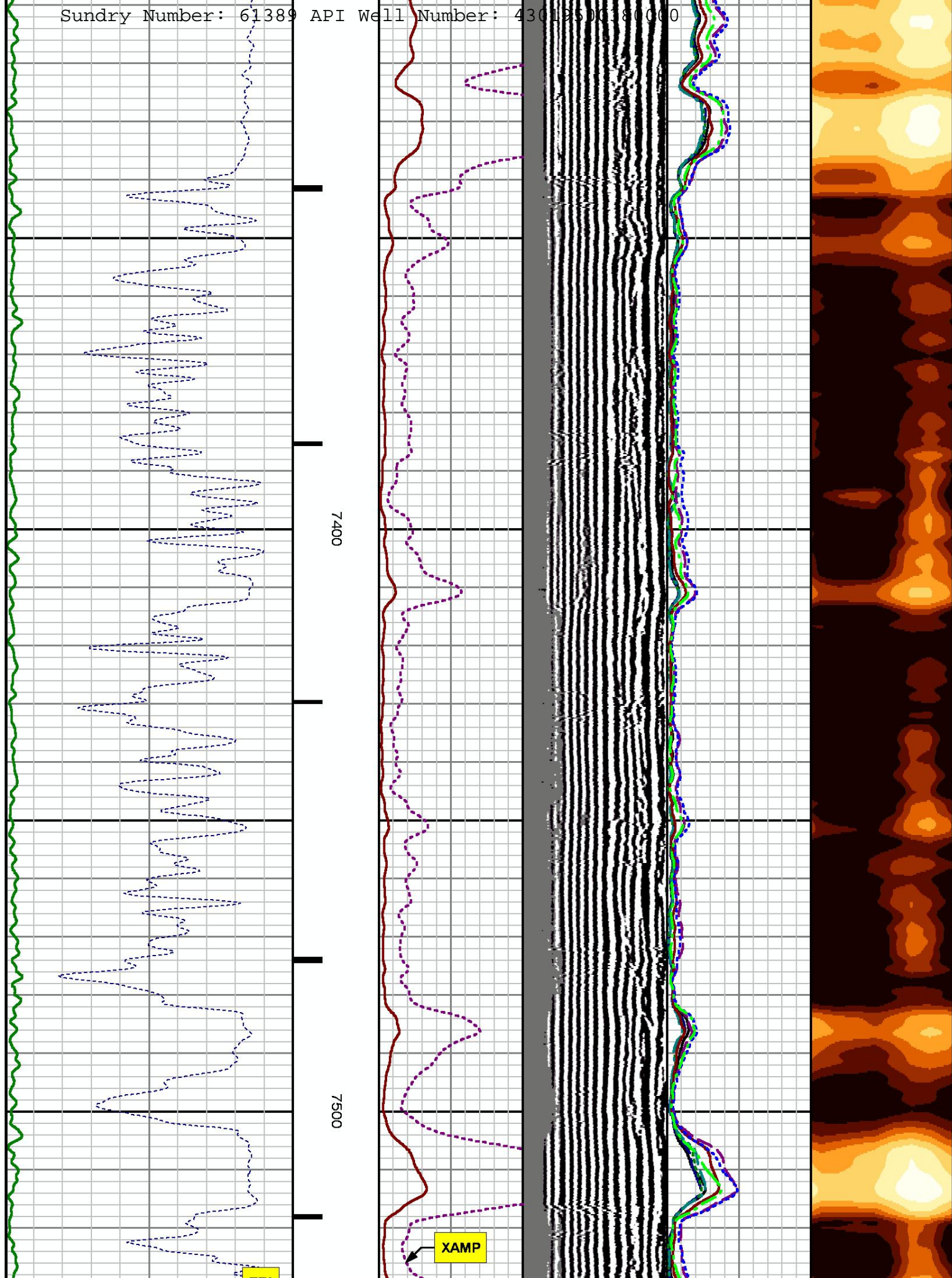


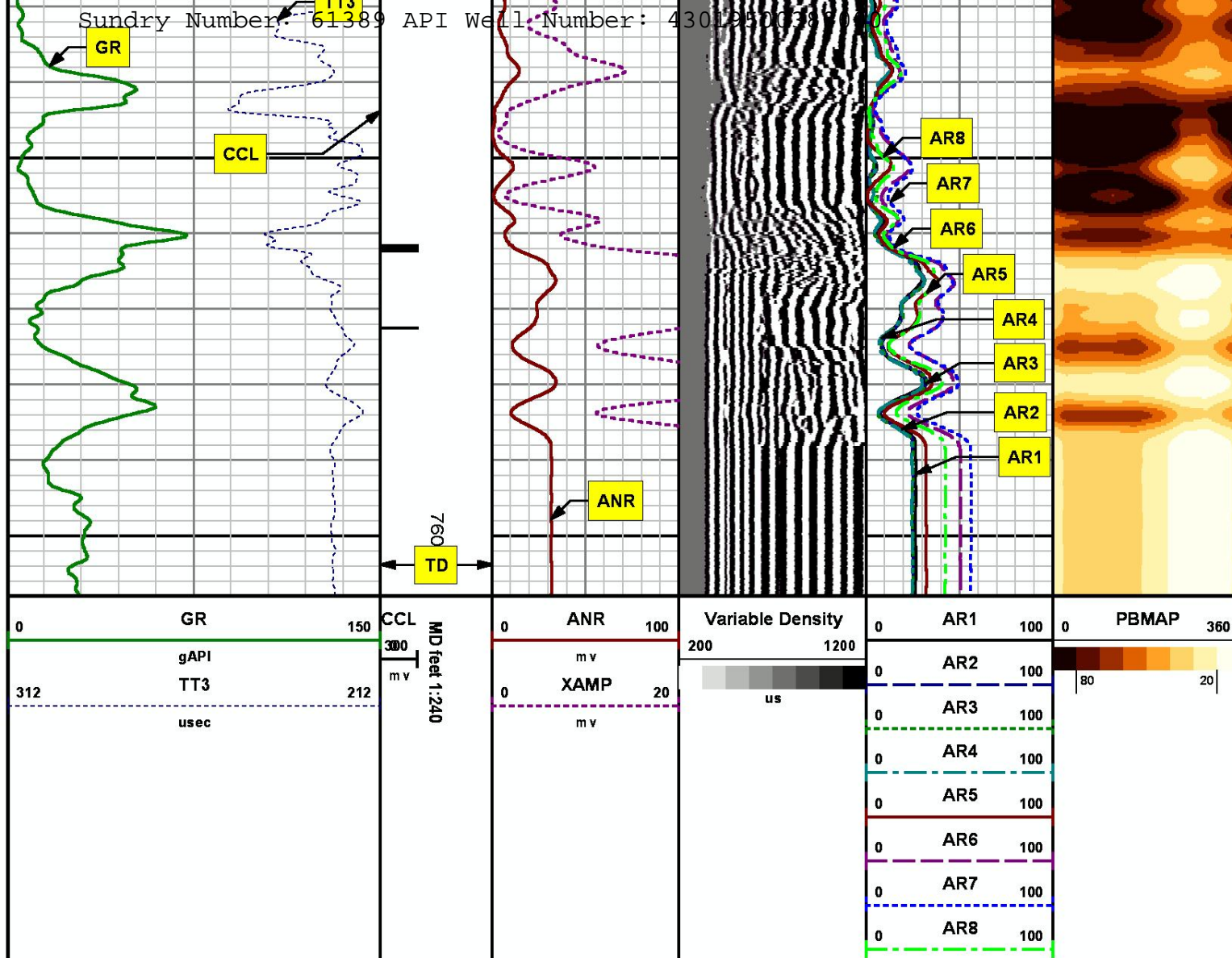












REPEAT SECTION
0 PSI

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	340.000	usec	6601.470	6841.720
RAL	Amp Gate Start Near	230.000	usec	6601.470	6841.720
RAL	Amp Gate Start Radial	230.000	usec	6601.470	6841.720
RAL	Amp Gate Width Far	25.000	usec	6601.470	6841.720

RAL	Sundry Number: 61389	API Well Number 49019500380060			
RAL	0.00 Gate Width Near	25.000	usec	6601.470	6841.720
RAL	Amp Gate Width Radial	25.000	usec	6601.470	6841.720
RAL	casing od	7.000	inches	6601.470	6841.720
RAL	casing wt	32.000	lbm/ft	6601.470	6841.720
RAL	FB Start Far	333.392	usec	6601.470	6841.720
RAL	FB Start Near	216.580	usec	6601.470	6841.720
RAL	FB Start Radial	216.580	usec	6601.470	6841.720
RAL	FB Thresh Far	10.000	mv	6601.470	6841.720
RAL	FB Thresh Near	4.000	mv	6601.470	6841.720
RAL	FB Thresh Radial	4.000	mv	6601.470	6841.720
RAL	Fluid Travel Time	222.000	usec/ft	6601.470	6841.688

DEPTH OFFSETS

(for Acquired Curves)

SERIES	DEPTH OFFSET	ACQUIRED CURVES							
1426XA	-19.080	ACAL	ANR	AR1	AR2	AR3	AR4		
		AR5	AR6	AR7	AR8	CHV	FPR2		
		FPR3	FPR5	TT3	TTR1	TTR2	TTR3		
		TTR4	TTR5	TTR6	TTR7	TTR8	XAMP		
1426XA	-18.080	AFAR	SIG	TT5					
2459XA	-11.340	CCL							
2459XA	-9.490	GR							
2459XA	-4.090	NEU							

Created by : RAL, v4.8.008

Plotted by : PlotMgr, v5.4.504

Company : FIDELTY EXPLORATION & PRODUCTION

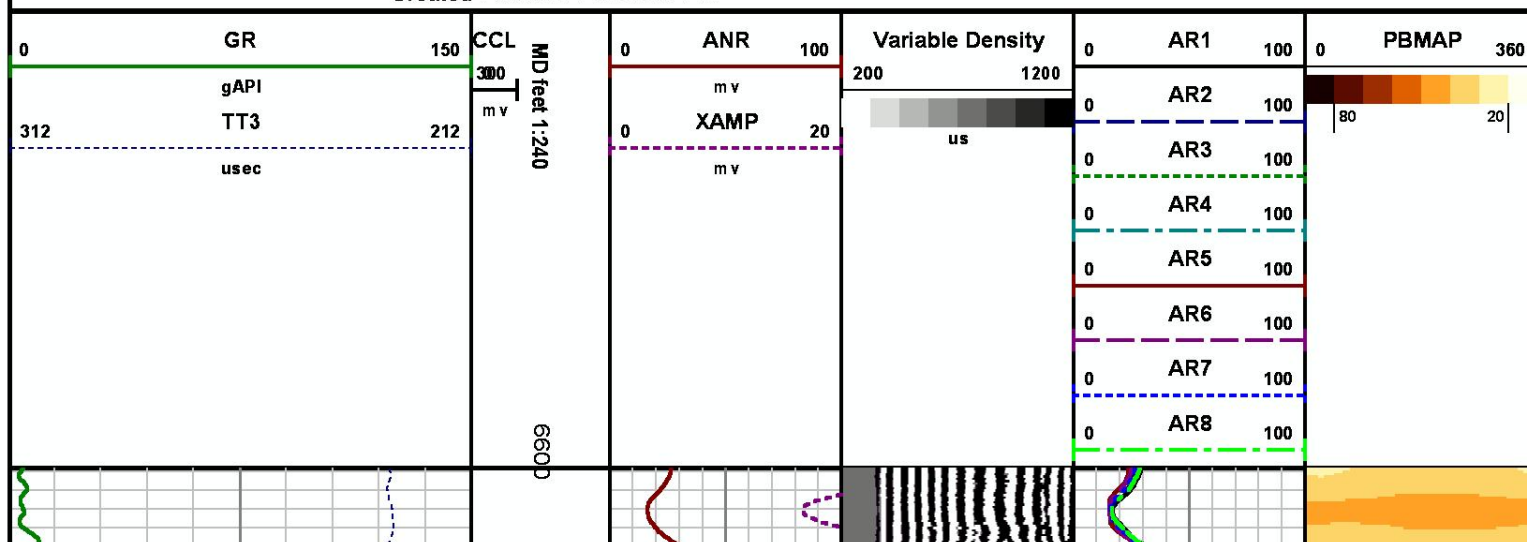
Well : CANE CREEK 36-1-25-18 STATE

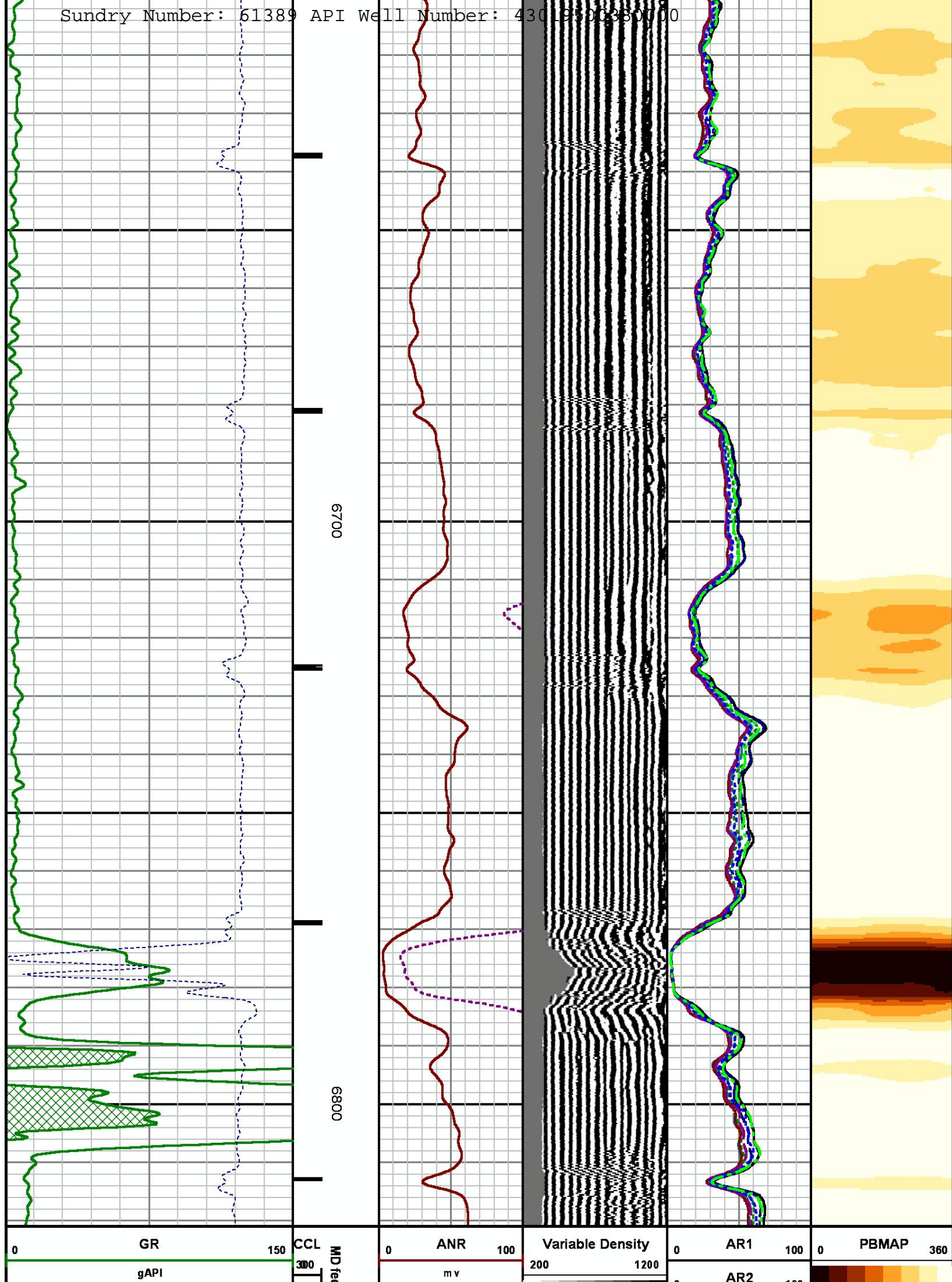
File Name : d:\well\data\fidelity\cane creek unit 36-1-25-18 state\cc36\repeat.xtf

Mode : PlotMgr 5.4.504

Interval : 6601.72 - 6821.00 feet UP

Created : 5/5/2014 5:11:03 PM





Tool Delay [usec] **-52.00** Casing OD **7.00** in Casing Wt **32.00** lbm/ft Casing ID **6.10** in

RECEIVER	Zero Gate Start [usec]	Zero Gate Width [usec]	Zero Amp. [mV]	Full Amp. [mV]	Wellsite Factor	Amp. Ref [mV]
CAL Pulse	166	25	-0.002	0.000	1.01	100.000
3 Ft. Receiver	242	25	0.081			
5 Ft. Receiver	358	25	-0.400			
Radial #1	242	25	0.152			
Radial #2	242	25	0.144			
Radial #3	242	25	0.089			
Radial #4	242	25	0.089			
Radial #5	242	25	0.059			
Radial #6	242	25	0.091			
Radial #7	242	25	0.123			
Radial #8	242	25	0.210			

TOOL DIAGRAM

OTA SHORT CABLE HEAD

CENTRALIZER

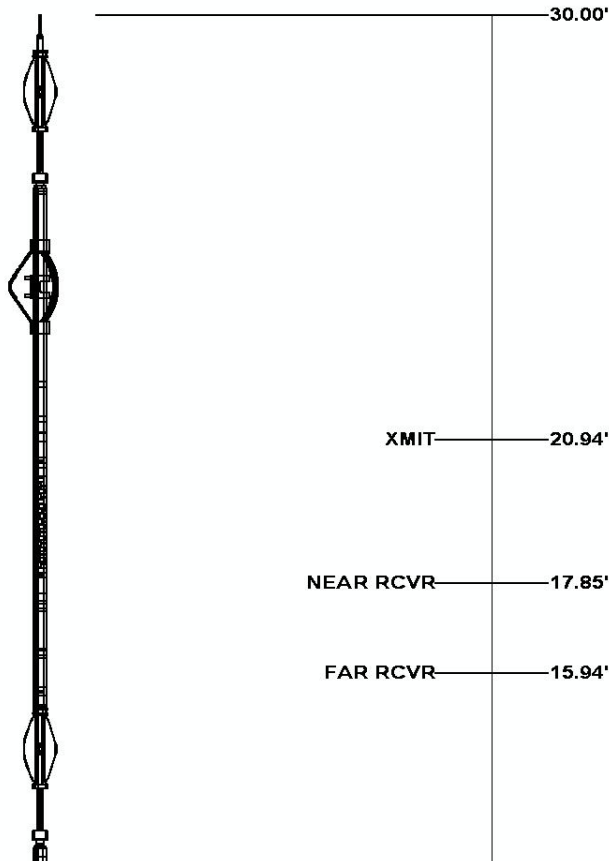
Series RALCENT
 Mnemonic CENT
 Diameter 3.12"
 Weight 20.00 lb

PROBE 2 3/4 DUAL RECEIVER RADII

Series 1426XA
 Mnemonic PROB
 Diameter 2.75"
 Length 11.17'
 Measure Point 0.75' FAR RCVR
 Measure Point 2.67' NEAR RCVR
 Measure Point 5.75' XMIT
 Temp Rating 350.00 °F
 Press Rating 18000.00 PSI

CENTRALIZER

Series RALCENT
 Mnemonic CENT
 Diameter 3.12"
 Weight 20.00 lb

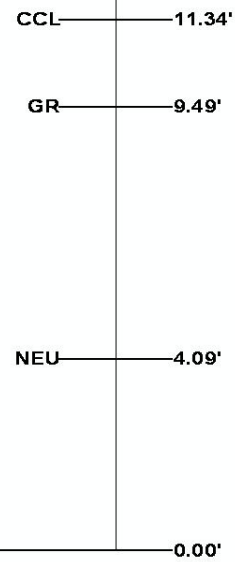


Probe GR/CCL/NEU

Series	2459XA
Mnemonic	PROB
Diameter	2.75"
Length	9.42'
Measure Point	1.21' NEU
Measure Point	6.60' GR
Measure Point	8.46' CCL

CENTRALIZER

Series	RALCENT
Mnemonic	CENT
Diameter	3.12"
Weight	20.00 lb



Total Length: 30.00'
Total Weight: Not Available
Max Diameter: 0' 3.12"



Baker Atlas

CASE

Company

FIDELITY EXPLORATION & PRODUCTION

Well

CANE CREEK 36-1-25-18 STATE

Field

CANE CREEK

County

GRAND

State

UTAH

Location

LAT: 38.3456.698°N

LONG: 109.5241.50°W

SE/SE

SEC 36 TWP 25 S RGE 18 E

Elevations

KB 5580 ft

DF 5579 ft

GL 5557 ft

File No:

CH085753

API No:

43019500380000



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

January 28, 2016

CERTIFIED MAIL NO. 7014 2870 0001 4232 4856

Ms. Renee Kendrick
Fidelity E&P Company
1801 California St. Ste 2500
Denver, CO 80202

43 019 50038
Cane Creek 36-1-25-18
36 25S 18E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Kendrick:

As of January 2016, Fidelity E&P Company has two (2) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.

Page 2
Fidelity E&P Company
January 28, 2016

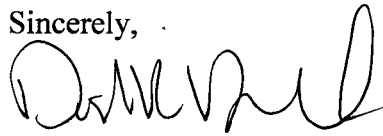
Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

All Submittals should be sent via ePermit

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely, .



Dustin K. Doucet
Petroleum Engineer

DKD/DD/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	Cane Creek 36-1-25-18	43-019-50038	ML-52094	1 year 6 months
2	Cane Creek Unit 16-2-25-18	43-019-50046	ML-44333	1 year 4 months

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-52094			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: FIDELITY E&P COMPANY		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: 1801 California St. Ste 2500 , Denver, CO, 80202		8. WELL NAME and NUMBER: Cane Creek 36-1-25-18			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1113 FSL 1108 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 36 Township: 25.0S Range: 18.0E Meridian: S		9. API NUMBER: 43019500380000			
PHONE NUMBER: 720 917-3026 Ext		9. FIELD and POOL or WILDCAT: WILDCAT			
COUNTY: GRAND		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/11/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input checked="" type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input checked="" type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input checked="" type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Fidelity respectfully requests a 24 month SI extension status for the referenced well. Please refer to the attached information in support of this request.					
<p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p>Date: March 30, 2016</p> <p>By: <u><i>Derek Quist</i></u></p> <p style="color: red; font-weight: bold; margin-top: 20px;">Please Review Attached Conditions of Approval</p>					
NAME (PLEASE PRINT) Mike Keller	PHONE NUMBER 720 956-5724	TITLE Project Specialist			
SIGNATURE N/A	DATE 3/8/2016				



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43019500380000

Extension valid through March 1, 2017. If an extension beyond that date is desired, a request should be submitted at that time with the detail required by R649-3-36 and a copy of the monthly tubing and casing pressure readings. If pressure is found on the production casing behind the packer or on the bradenhead, contact the Division immediately, remedial action will likely be necessary.



March 7, 2016

State of Utah- Department of Natural Resources
Division of Oil, Gas and Mining
Attn: Dustin Doucet- Petroleum Engineer
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84116

RE: Fidelity Response to State Lease Well, Shut-in Extension Justification

Mr. Doucet:

Fidelity Exploration & Production Co. (Fidelity) appreciates this opportunity to provide appropriate supporting information in response to the Division of Oil, Gas and Mining (Division) certified letter dated January 28, 2016. The Division's letter state that two of Fidelity's State Lease wells currently exceed the time restrictions for extended shut-in or temporarily abandoned (SI/TA) status. The Cane Creek 36-1-25-18 and Cane Creek Unit 16-2-25-18 are wells located on Utah state lands targeting State of Utah mineral leases. Both wells are currently non-producing horizontal completions, drilled and completed in mid-2014. The newer completions have never actively produced, have been shut-in appropriately and have significant evidence of material integrity and the adequate protection of Underground Sources of Drinking Water (USDW).

We apologize for the oversight. Supporting integrity data is provided within this attachment to the Sundry Notice form and we appreciate your consideration to extend the shut-in status for this well. Feel free to contact me directly if you have any questions or need additional information.

Best regards,

A handwritten signature in dark ink, appearing to read "Michael J. Keller", written over a light blue horizontal line.

Michael J. Keller, P.G.
Environmental, Health and Safety Manager

Cc:

Lavonne Garrison- Utah Trust Lands Division- Assistant Director Oil and Gas



CCU 36-1-25-18 Integrity Justification

The Cane Creek 36-1-25-18 is a non-producing horizontal well drilled by Fidelity Exploration and Production in April/May 2014. Surface casing of 13-3/8" diameter was set at 1,195 feet and cemented to surface. The well was then drilled to 4,461 feet where 9-5/8" intermediate casing was set and also cemented to surface. Drilling then resumed to 6,850 feet where the well was kicked off horizontally and was directionally drilled in the Cane Creek formation to a measured depth of 11,961 feet (7,522 feet TVD). 7" casing was run to TD and then cemented in place. A cement bond log subsequently indicated the top of cement at 2,400 feet. Perforating guns were run on tubing and fired in July 2014, but the well never produced and has remained shut in since that time.

Fidelity respectfully requests an extension of shut in status for 24 months to evaluate the future productive potential of this well through, for example, stimulation or sidetracking to a new bottom hole location. We believe mechanical integrity of the wellbore for protection of ground water is demonstrated by the following:

- Both surface and intermediate casing are cemented to surface (0-1100 feet).
- Regional Underground Sources of Drinking Water (USDWs) have not been identified in the vicinity of the well. Perched drinking water sources (where available) are typically less than 500 feet below ground surface, generally well within the dual surface casing/intermediate casing cement strings.
- The well is less than two years old and all equipment is in good condition.
- The well has 2-7/8" production tubing installed with a packer set at 6527 feet.
- The tubing/casing annulus was successfully tested at 2000 psi during completion.
- The tubing casing/annulus is filled with packer fluid (fresh water with corrosion inhibitor).
- Pressure measurements on February 17, 2016 indicated a tubing pressure of 2350 psi and no pressure on the tubing/casing annulus.

In order to ensure that casing integrity is maintained, tubing and tubing/casing annulus pressures will be monitored on a monthly basis and additional measures will be taken to correct the situation if necessary as indicated by these measurements.

Cane Creek 36-1-25-18 As Built WBD 07/12/14



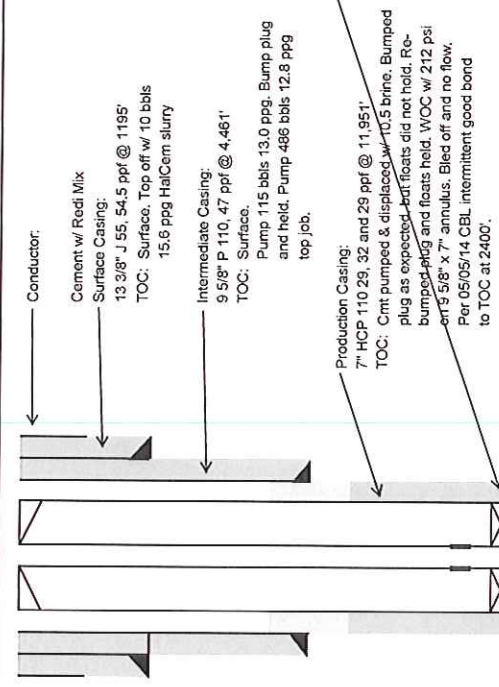
FIDELITY
Exploration & Production Company
An NGU Resources Group company

WELL NAME: CC 36-1-25-18
FIELD: Cane Creek
LOCATION: Grand County, UT
AP#: 43-019-50038
AFE NUMBER: 130188
SPUD DATE: 04/11/2014
REVISION DATE: 02/05/2015

SECTION, TOWNSHIP, RANGE: SE SE 36 25S 18E
SHL: 1113' FSL: 1108' FEL
SURFACE LAT: 38 deg 34' 56.63" NAD 1983
SURFACE LONG: 109 deg 52' 43.94" NAD 1983
KB: 5580
GL: 5557
UPDATED BY: RAB

PIPE	Size	Grade	Weight	CONN	OD (")	ID (")	Drift Dia (")	Burst	Collapse	TOC (')	TOP (')	BTM (')
Conductor	20	J-55	133.0			18.730						
Surf Csg	13 3/8"	J-55	54.5	BTC	13.375	12.615	12.459	2,730	1,130	Surface	26.1	1,195
Inter Csg	9 5/8"	HCP 110	47.0	BTC	9.625	8.681	8.525	9,440	5,310	Surface	24.7	4,561
Prod Csg	7"	HCP 110	29.0	BTC	7.000	6.184	6.059	12,220	8,530	2,400	26.5	4,282
Prod Csg	7"	HCP 110	32.0	BTC	7.000	6.094	5.969	12,460	10,760		4,282	7,790
Prod Csg	7"	HCP 110	29.0	BTC	7.000	6.184	6.059	12,220	8,530		7,790	11,951

Current Status: Drilling rig release 05/06/2014. 7" Hornet packer at 40' and 2 7/8" tubing to bit and scraper at 11721'. Completion RU 06/27/14; Fired guns 07/12/14; Well did not build TP or flow. Swabbed well 07/13/14; 16 swab runs and rec 48 bbls diesel, water, and emulsion; FFL 5900'. SWIFN. 07/14/14 made 1 swab run and found FL at 6000'; little to no entry over night. Suspend work.



KOP: -6850'

***TCP Completion

Perforations (underbalanced TCP perforations)

	Top (MD)	Botm (MD)	Top (TVD)	Botm (TVD)	Net Int (MD)	Size	SPF	Phase	Holes	Status	Blank (MD)
	feet	feet	feet	feet	feet	inch	#	deg	#		feet
a	7,670	8,500	~ 7,400		830	0.35	5	60	4150	open	
b	8,540	9,380			840	0.35	5	60	4200	"	40
c	9,420	10,150			730	0.35	5	60	3850	"	40
d	10,190	10,900			710	0.35	5	60	3550	"	40
e	10,940	11,850			910	0.35	5	60	4550	"	40
f					~ 7,522					"	
g					0	0.35	5	60	0	"	0
h					0				0	"	0
i					0				0	"	0
j											160

Gross: 4,180 4,020
***TCP System: 4 5/8" EHC, 5 spt, 60 deg phase, 39 gm, Millennium HMX (Halliburton)

Cane Creek Top: 7537' MD; 7387' TVD (inclination -69 deg)
Cane Creek B: 7730' MD; 7407' TVD (inclination -86 deg)

TD: 11961' MD; 7522' TVD, 90 deg ind
7" Shoe: 11907' MD float collar
11954' MD float shoe

Effective Date:

3/1/2016

FORMER OPERATOR:	NEW OPERATOR:
Fidelity E&P Company N3155 1801 Californa Street, Suite 2500 Denver, CO 80202	Wesco Operating, Inc. N4030 PO Box 1650 Casper, WY 82602
CA Number(s):	Unit(s): Cane Creek Threemile

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 4/12/2016
2. Sundry or legal documentation was received from the **NEW** operator on: 4/12/2016
3. New operator Division of Corporations Business Number: 8742016-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 4/12/2016
2. Receipt of Acceptance of Drilling Procedures for APD on: 4/12/2016
3. Reports current for Production/Disposition & Sundries: 4/19/2016
4. OPS/SI/TA well(s) reviewed for full cost bonding: 4/19/2016
5. UIC5 on all disposal/injection/storage well(s) approved on: 4/13/2016
6. Surface Facility(s) included in operator change: Blue Hills Gas Plant
Dead House Lateral Pipeline
Dubinky Booster Station
Long Canyon Facility
7. Inspections of PA state/fee well sites complete on (only upon operators request): N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB0000685
2. Indian well(s) covered by Bond Number: N/A
3. State/fee well(s) covered by Bond Number(s): RLB0016443

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 4/21/2016 ✓
2. Entity Number(s) updated in **OGIS** on: 4/21/2016
3. Unit(s) operator number update in **OGIS** on: 4/21/2016
4. Surface Facilities update in **OGIS** on: 4/21/2016
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 4/21/2016
6. Surface Facilities update in **RBDMS** on: 4/21/2016

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

From: Fidelity Exploration Production Company N3155

To: Wesco Operating, Inc. N4030

Effective: 3/1/2016

Well Name	Section	TWN	RNG	API Numner	Entity	Mineral	Surface	Type	Status	Unit
KANE SPRINGS 16-1	16	250S	180E	4301931341	11484	State	State	WD	A	CANE CREEK
CANE CREEK UNIT 2-2-25-18	2	250S	180E	4301950044		State	State	OW	APD	CANE CREEK
Cane Creek Unit 25-1-25-19	25	250S	190E	4301950048		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 6-1-25-19	6	250S	190E	4301950052		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 29-1-25-19	29	250S	190E	4301950053		Federal	Federal	OW	APD	CANE CREEK
Cane Creek 10-1-25-19	10	250S	190E	4301950054		Federal	Federal	OW	APD	
Cane Creek Unit 30-1-25-19	30	250S	190E	4301950055		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 19-2-26-20	19	260S	200E	4301950056		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 14-1-25-19	14	250S	190E	4301950057		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 2-3-25-18	2	250S	180E	4301950058		Federal	State	OW	APD	CANE CREEK
Cane Creek Unit 16-3-25-18	16	250S	180E	4301950059		Federal	State	OW	APD	CANE CREEK
Cane Creek Unit 19-1-25-19	19	250S	190E	4301950060		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 32-2-25-19	32	250S	190E	4301950061		State	State	OW	APD	CANE CREEK
Cane Creek Unit 17-1-25-19	17	250S	190E	4301950062		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 16-4-25-18	16	250S	180E	4301950063		Federal	State	OW	APD	CANE CREEK
Cane Creek Unit 2-4-25-18	2	250S	180E	4301950064		Federal	State	OW	APD	CANE CREEK
Cane Creek Unit 5-1-25-18	5	250S	180E	4301950065		Federal	Federal	OW	APD	CANE CREEK
8-2-26-20	8	260S	200E	4301950068		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 19-3-26-20	19	260S	200E	4301950069		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 21-1-25-19	21	250S	190E	4301950070		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 12-2-26-19	12	260S	190E	4301950071		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 26-4-25-19	26	250S	190E	4301950072		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 21-1-25-18	21	250S	180E	4301950073		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 9-1-25-18	9	250S	180E	4301950074		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 7-1-25-19	7	250S	190E	4301950075		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 5-2-25-18	5	250S	180E	4301950076		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 7-1-25-18	7	250S	180E	4301950077		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 13-1-25-18	13	250S	180E	4301950078		Federal	Federal	OW	APD	CANE CREEK
Three Mile Unti 12-3-29-21	12	290S	210E	4303750070		Federal	Federal	OW	APD	THREEMILE
Three Mile Unit 16-2-29-22	16	290S	220E	4303750071		Federal	State	OW	APD	THREEMILE
Cane Creek Unit 7-2-26-20	7	260S	200E	4301950051	19706	Federal	Federal	OW	OPS	CANE CREEK
THREEMILE 16-17	16	290S	220E	4303750003	17984	State	State	OW	OPS	THREEMILE
Three Mile Unit 12-2-29-21	12	290S	210E	4303750069	19646	Federal	Federal	OW	OPS	THREEMILE
KANE SPRINGS FED 27-1	27	250S	190E	4301931310	14505	Federal	Federal	OW	P	CANE CREEK
KANE SPRINGS FED 19-1A	19	260S	200E	4301931324	14505	Federal	Federal	OW	P	CANE CREEK
KANE SPRINGS FED 10-1	10	250S	180E	4301931331	14509	Federal	Federal	OW	P	CANE CREEK
KANE SPRINGS FED 25-19-34-1	34	250S	190E	4301931334	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK 2-1	2	260S	190E	4301931396	14505	State	State	OW	P	CANE CREEK
CANE CREEK UNIT 12-1	12	260S	190E	4301950009	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT 7-1	7	260S	200E	4301950010	18923	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT# 26-2	26	250S	190E	4301950011	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT #18-1	18	260S	200E	4301950012	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK U #13-1	13	260S	190E	4301950014	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT 26-3	26	250S	190E	4301950019	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT 28-2	28	250S	190E	4301950020	18681	Federal	Federal	OW	P	
Cane Creek Unit 17-1	17	260S	200E	4301950028	18980	Federal	Federal	OW	P	CANE CREEK
Cane Creek Unit 36-1	36	250S	190E	4301950030	14505	State	State	OW	P	CANE CREEK
Cane Creek Unit 36-2H	36	250S	190E	4301950033	14505	State	State	OW	P	CANE CREEK
Cane Creek Unit 24-2H	24	260S	190E	4301950034	19342	Federal	Federal	OW	P	CANE CREEK
Cane Creek Unit 36-3H	36	250S	190E	4301950035	19528	State	State	OW	P	CANE CREEK
CANE CREEK UNIT 2-1-25-18	2	250S	180E	4301950036	19343	Federal	State	OW	P	CANE CREEK
Cane Creek Unit 32-1-25-19	32	250S	190E	4301950037	19396	State	State	OW	P	
Cane Creek Unit 28-3	28	250S	190E	4301950045	19767	Federal	Federal	OW	P	CANE CREEK
Cane Creek 32-1-25-20	32	250S	200E	4301950049	19588	State	State	OW	P	
HATCH POINT 1	14	290S	210E	4303731658	11356	Federal	Federal	OW	P	
THREEMILE 43-18H	18	290S	220E	4303731857	17276	Federal	Federal	OW	P	
LONG CANYON 1	9	260S	200E	4301915925	674	Federal	Federal	OW	S	
CANE CREEK 1-1	1	260S	190E	4301931446	14505	Federal	Federal	OW	S	CANE CREEK

From: Fidelity Exploration Production Company N3155

To: Wesco Operating, Inc. N4030

Effective: 3/1/2016

CANE CREEK 24-1	24	260S	190E	4301931447	14505	Federal	Federal	OW	S	CANE CREEK
CANE CREEK 8-1	8	260S	200E	4301931449	16464	Federal	Federal	OW	S	CANE CREEK
Cane Creek Unit 18-2	18	260S	200E	4301950027	14505	Federal	Federal	OW	S	CANE CREEK
Cane Creek Unit 17-2	17	260S	200E	4301950032	14505	Federal	Federal	OW	S	CANE CREEK
Cane Creek 36-1-25-18	36	250S	180E	4301950038	19440	State	State	OW	S	
CHEVRON FED 1	24	290S	230E	4303730005	975	Federal	Federal	OW	S	
Threemile 12-7	12	290S	210E	4303750001	17837	Federal	Federal	OW	S	THREEMILE
LA SAL 29-28	29	290S	230E	4303750002	17920	Federal	Federal	OW	S	
CANE CREEK UNIT 16-2-25-18	16	250S	180E	4301950046	19512	State	State	OW	TA	CANE CREEK

WESCO OPERATING, INC.

O I L & G A S O P E R A T I O N S

RECEIVED

APR 12 2016

DIV. OF OIL, GAS & MINING

April 8, 2016

John Rogers
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210 Box 145801
Salt Lake City, Utah 84114

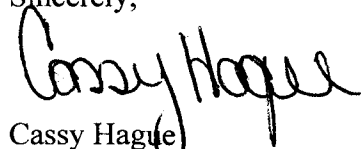
RE: Change of Operator

- A) Wells
 - B) APD'S
 - C) Dubinky Booster Station
 - D) Blue Hills Gas Plant
 - E) Dead Horse Lateral Pipeline
 - F) Authority to Inject
- Sundry Notices

Dear John Rodgers,

Please find enclosed the following documents from Fidelity Exploration & Production Company to Wesco Operating, Inc for your further handing. If you have any further questions please contact us..

Sincerely,



Cassy Hague
307-577-5337

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Exhibit
2. NAME OF OPERATOR: Fidelity Exploration & Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See Attached Exhibit
3. ADDRESS OF OPERATOR: 1801 California St., STE 250 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: See Attached Exhibit
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached exhibit for all wells and details COUNTY: Grand		8. WELL NAME and NUMBER: See Attached Exhibit
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER:
STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: See Attached Exhibit

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 3/1/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

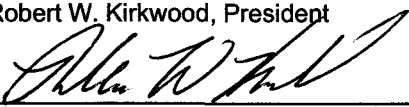
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

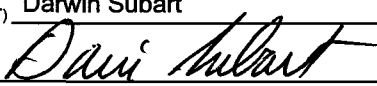
Effective March 1, 2016, Fidelity Exploration & Production Company (Operator Number N1355) resigns as Operator of the wells listed on the attached exhibit and Wesco Operating, Inc. has been designated as successor Operator.

Wesco Operating, Inc.
P.O. Box 1650
Casper, Wyoming 82602
Phone 307-265-5178

Fidelity Exploration & Production Company
1801 California Street, Suite 2500
Denver, Colorado 80202
Phone 303-893-3133

Wesco Operating, Inc.
Robert W. Kirkwood, President


Signature

NAME (PLEASE PRINT) Darwin Subart	TITLE Chief Financial Officer
SIGNATURE 	DATE 4/4/2016

(This space for State use only) BLM:

APPROVED

APR 21 2016

DIV. OIL GAS & MINING
BY: Rachel Medina

Fidelity Exploration & Production Company Paradox Well & APD List

<u>Entity #</u>	<u>API #</u>	<u>Permitted Well Name</u>	<u>AKA Well Name</u>	<u>Township</u>	<u>Range</u>	<u>Section(s)</u>	<u>County</u>	<u>State</u>	<u>Mineral</u>	<u>Surface</u>	<u>Well Type</u>	<u>Well Status</u>
14506	4301931310	KANE SPRINGS FED 27-1	KANE SPRINGS FED 27-1-25-19	25S	19E	27	GRAND	UT	Federal	Federal	OW	P✓
14505	4301931324	KANE SPRINGS FED 19-1A	KANE SPRINGS FED 19-1A-ST-26-20	26S	20E	19	GRAND	UT	Federal	Federal	OW	P✓
14509	4301931331	KANE SPRINGS FED 10-1	KANE SPRINGS FED 10-1-25-18	25S	18E	10	GRAND	UT	Federal	Federal	OW	P✓
14506	4301931334	KANE SPRINGS FED 25-19-34-1	KANE SPRINGS FED 25-19-34-1	25S	19E	34	GRAND	UT	Federal	Federal	OW	P✓
	4301931341	KANE SPRINGS 16-1-25-18	Disposal Well	25S	18E	16	GRAND	UT	State	State	SWD	P✓
14505	4301931396	CANE CREEK 2-1	CANE CREEK UNIT 2-1-26-19	26S	19E	2	GRAND	UT	State	State	OW	P✓
14505	4301931446	CANE CREEK 1-1	CANE CREEK UNIT 1-1-26-19	26S	19E	1	GRAND	UT	Federal	Federal	OW	P✓
14505	4301950009	CANE CREEK UNIT 12-1	CANE CREEK UNIT 12-1-26-19	26S	19E	12	GRAND	UT	Federal	Federal	OW	P✓
18923	4301950010	CANE CREEK UNIT 7-1	CANE CREEK UNIT 7-1-26-20	26S	20E	7	GRAND	UT	Federal	Federal	OW	P✓
14506	4301950011	CANE CREEK UNIT# 26-2	CANE CREEK UNIT 26-2-25-19	25S	19E	26	GRAND	UT	Federal	Federal	OW	P✓
14505	4301950012	CANE CREEK UNIT #18-1	CANE CREEK UNIT 18-1-26-20	26S	20E	18	GRAND	UT	Federal	Federal	OW	P✓
14505	4301950014	CANE CREEK U #13-1	CANE CREEK UNIT 13-1-26-19	26S	19E	13	GRAND	UT	Federal	Federal	OW	P✓
14506	4301950019	CANE CREEK UNIT 26-3	CANE CREEK UNIT 26-3-25-19	25S	19E	26	GRAND	UT	Federal	Federal	OW	P✓
18681	4301950020	CANE CREEK UNIT 28-2	CANE CREEK UNIT 28-2-25-19	25S	19E	28	GRAND	UT	Federal	Federal	OW	P✓
14505	4301950027	Cane Creek Unit 18-2	CANE CREEK UNIT 18-2-26-20	26S	20E	18	GRAND	UT	Federal	Federal	OW	P✓
18980	4301950028	Cane Creek Unit 17-1	CANE CREEK UNIT 17-1-26-20	26S	20E	17	GRAND	UT	Federal	Federal	OW	P✓
19057	4301950030	Cane Creek Unit 36-1	CANE CREEK UNIT 36-1-25-19	25S	19E	36	GRAND	UT	State	State	OW	P✓
14505	4301950032	Cane Creek Unit 17-2	CANE CREEK UNIT 17-2-26-20	26S	20E	17	GRAND	UT	Federal	Federal	OW	P✓
19527	4301950033	Cane Creek Unit 36-2H	CANE CREEK UNIT 36-2H-25-19	25S	19E	36	GRAND	UT	State	State	OW	P✓
19342	4301950034	Cane Creek Unit 24-2H	CANE CREEK UNIT 24-2-26-19	26S	19E	24	GRAND	UT	Federal	Federal	OW	P✓
19528	4301950035	Cane Creek Unit 36-3H	CANE CREEK UNIT 36-3H-25-19	25S	19E	36	GRAND	UT	State	State	OW	P✓
19396	4301950037	Cane Creek Unit 32-1-25-19	CANE CREEK UNIT 32-1-25-19	25S	19E	32	GRAND	UT	State	State	OW	P✓
19767	4301950045	Cane Creek Unit 28-3	CANE CREEK UNIT 28-3-25-19	26S	19E	28	GRAND	UT	Federal	Federal	OW	P✓
19588	4301950049	Cane Creek 32-1-25-20	CANE CREEK 32-1-25-20	25S	20E	32	GRAND	UT	State	State	OW	P✓
11356	4303731658	HATCH POINT 1	HATCH POINT FEDERAL 1	29S	21E	14	SAN JUAN	UT	Federal	Federal	OW	P✓ 26-P
17276	4303731857	THREEMILE 43-18H	THREEMILE UNIT 43-18H-29-22	29S	22E	18	SAN JUAN	UT	Federal	Federal	OW	P✓
19706	4301950051	Cane Creek Unit 7-2-26-20	CANE CREEK UNIT 7-2-26-20	26S	20E	7	GRAND	UT	Federal	Federal	OW	OPS✓
17984	4303750003	THREEMILE 16-17	THREEMILE UNIT 16-17-29-22	29S	22E	16	SAN JUAN	UT	State	State	OW	OPS✓ 3 OPS
19646	4303750069	Three Mile Unit 12-2-29-21	THREE MILE UNIT 12-2-29-21	29S	21E	12	SAN JUAN	UT	Federal	Federal	OW	OPS✓
19343	4301950036	CANE CREEK UNIT 2-1-25-18	CANE CREEK UNIT 2-1-25-18	25S	18E	2	GRAND	UT	Federal	State	OW	TA✓ 2TA
19512	4301950046	CANE CREEK UNIT 16-2-25-18	CANE CREEK UNIT 16-2-25-18	25S	18E	16	GRAND	UT	State	State	OW	TA✓
674	4301915925	LONG CANYON 1	LONG CANYON 1	26S	20E	9	GRAND	UT	Federal	Federal	OW	S✓
14505	4301931447	CANE CREEK 24-1	CANE CREEK UNIT 24-1-26-19	26S	19E	24	GRAND	UT	Federal	Federal	OW	S✓
16464	4301931449	CANE CREEK 8-1	CANE CREEK UNIT 8-1-26-20	26S	20E	8	GRAND	UT	Federal	Federal	OW	S✓
19440	4301950038	Cane Creek 36-1-25-18	CANE CREEK 36-1-25-18	25S	18E	36	GRAND	UT	State	State	OW	S✓
975	4303730005	CHEVRON FED 1	CHEVRON FEDERAL 1H	29S	23E	24	SAN JUAN	UT	Federal	Federal	OW	S✓ 7-S
17837	4303750001	Threemile 12-7	THREEMILE UNIT 12-7-29-21	29S	21E	12	SAN JUAN	UT	Federal	Federal	OW	S✓
17920	4303750002	LA SAL 29-28	LA SAL UNIT 29-28-29-23	29S	23E	29	SAN JUAN	UT	Federal	Federal	OW	S✓
	4301950044	CANE CREEK UNIT 2-2-25-18		250S	180E	2	GRAND	UT	State	State	OW	APD✓
	4301950048	Cane Creek Unit 25-1-25-19		250S	190E	25	GRAND	UT	Federal	Federal	OW	APD✓
	4301950052	Cane Creek Unit 6-1-25-19		250S	190E	6	GRAND	UT	Federal	Federal	OW	APD✓
	4301950053	Cane Creek Unit 29-1-25-19		250S	190E	29	GRAND	UT	Federal	Federal	OW	APD✓ 2APD
	4301950054	Cane Creek 10-1-25-19		250S	190E	10	GRAND	UT	Federal	Federal	OW	APD✓
	4301950055	Cane Creek Unit 30-1-25-19		250S	190E	30	GRAND	UT	Federal	Federal	OW	APD✓
	4301950056	Cane Creek Unit 19-2-26-20		260S	200E	19	GRAND	UT	Federal	Federal	OW	APD✓

<u>Entity #</u>	<u>API #</u>	<u>Permitted Well Name</u>	<u>AKA Well Name</u>	<u>Township</u>	<u>Range</u>	<u>Section(s)</u>	<u>County</u>	<u>State</u>	<u>Mineral</u>	<u>Surface</u>	<u>Well Type</u>	<u>Well Status</u>
4301950057		Cane Creek Unit 14-1-25-19		250S	190E	14	GRAND	UT	Federal	Federal	OW	APD ✓
4301950058		Cane Creek Unit 2-3-25-18		250S	180E	2	GRAND	UT	Federal	State	OW	APD ✓
4301950059		Cane Creek Unit 16-3-25-18		250S	180E	16	GRAND	UT	Federal	State	OW	APD ✓
4301950060		Cane Creek Unit 19-1-25-19		250S	190E	19	GRAND	UT	Federal	Federal	OW	APD ✓
4301950061		Cane Creek Unit 32-2-25-19		250S	190E	32	GRAND	UT	State	State	OW	APD ✓
4301950062		Cane Creek Unit 17-1-25-19		250S	190E	17	GRAND	UT	Federal	Federal	OW	APD ✓
4301950063		Cane Creek Unit 16-4-25-18		250S	180E	16	GRAND	UT	Federal	State	OW	APD ✓
4301950064		Cane Creek Unit 2-4-25-18		250S	180E	2	GRAND	UT	Federal	State	OW	APD ✓
4301950065		Cane Creek Unit 5-1-25-18		250S	180E	5	GRAND	UT	Federal	Federal	OW	APD ✓
4301950068		8-2-26-20		260S	200E	8	GRAND	UT	Federal	Federal	OW	APD ✓
4301950069		Cane Creek Unit 19-3-26-20		260S	200E	19	GRAND	UT	Federal	Federal	OW	APD ✓
4301950070		Cane Creek Unit 21-1-25-19		250S	190E	21	GRAND	UT	Federal	Federal	OW	APD ✓
4301950071		Cane Creek Unit 12-2-26-19		260S	190E	12	GRAND	UT	Federal	Federal	OW	APD ✓
4301950072		Cane Creek Unit 26-4-25-19		250S	190E	26	GRAND	UT	Federal	Federal	OW	APD ✓
4301950073		Cane Creek Unit 21-1-25-18		250S	180E	21	GRAND	UT	Federal	Federal	OW	APD ✓
4301950074		Cane Creek Unit 9-1-25-18		250S	180E	9	GRAND	UT	Federal	Federal	OW	APD ✓
4301950075		Cane Creek Unit 7-1-25-19		250S	190E	7	GRAND	UT	Federal	Federal	OW	APD ✓
4301950076		Cane Creek Unit 5-2-25-18		250S	180E	5	GRAND	UT	Federal	Federal	OW	APD ✓
4301950077		Cane Creek Unit 7-1-25-18		250S	180E	7	GRAND	UT	Federal	Federal	OW	APD ✓
4301950078		Cane Creek Unit 13-1-25-18		250S	180E	13	GRAND	UT	Federal	Federal	OW	APD ✓
4303750070		Three Mile Unti 12-3-29-21		290S	210E	12	SAN JUAN	UT	Federal	Federal	OW	APD ✓
4303750071		Three Mile Unit 16-2-29-22		290S	220E	16	SAN JUAN	UT	Federal	State	OW	APD ✓
4301950036		CANE CREEK UNIT 2-1-25-18H2		25S	18E	2	GRAND	UT	Federal	State	OW	APD ✓

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

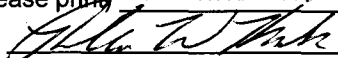
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	See attached well list
API number:	
Location:	Qtr-Qtr: Section: Township: Range:
Company that filed original application:	Fidelity Exploration & Production Company
Date original permit was issued:	
Company that permit was issued to:	Fidelity Exploration & Production Company

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		<input checked="" type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?		<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. _____		

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Robert W. Kirkwood Title President
Signature  Date 4/4/10
Representing (company name) Wesco Operating, Inc.

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

Fidelity Exploration & Production Company Paradox APD List

<u>Date Issued</u>	<u>API #</u>	<u>Permitted Well Name</u>	<u>Township</u>	<u>Range</u>	<u>Section(s)</u>	<u>County</u>	<u>State</u>	<u>Mineral</u>	<u>Surface</u>	<u>Well Type</u>	<u>Well Status</u>
3/4/2014	4301950044	CANE CREEK UNIT 2-2-25-18	250S	180E	2	GRAND	UT	State	State	OW	APD
2/19/2015	4301950048	Cane Creek Unit 25-1-25-19	250S	190E	25	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950052	Cane Creek Unit 6-1-25-19	250S	190E	6	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950053	Cane Creek Unit 29-1-25-19	250S	190E	29	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950054	Cane Creek 10-1-25-19	250S	190E	10	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950055	Cane Creek Unit 30-1-25-19	250S	190E	30	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950056	Cane Creek Unit 19-2-26-20	260S	200E	19	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950057	Cane Creek Unit 14-1-25-19	250S	190E	14	GRAND	UT	Federal	Federal	OW	APD
7/21/2014	4301950058	Cane Creek Unit 2-3-25-18	250S	180E	2	GRAND	UT	Federal	State	OW	APD
8/6/2014	4301950059	Cane Creek Unit 16-3-25-18	250S	180E	16	GRAND	UT	Federal	State	OW	APD
8/6/2014	4301950060	Cane Creek Unit 19-1-25-19	250S	190E	19	GRAND	UT	Federal	Federal	OW	APD
9/22/2014	4301950061	Cane Creek Unit 32-2-25-19	250S	190E	32	GRAND	UT	State	State	OW	APD
7/30/2014	4301950062	Cane Creek Unit 17-1-25-19	250S	190E	17	GRAND	UT	Federal	Federal	OW	APD
8/12/2014	4301950063	Cane Creek Unit 16-4-25-18	250S	180E	16	GRAND	UT	Federal	State	OW	APD
9/24/2014	4301950064	Cane Creek Unit 2-4-25-18	250S	180E	2	GRAND	UT	Federal	State	OW	APD
9/2/2014	4301950065	Cane Creek Unit 5-1-25-18	250S	180E	5	GRAND	UT	Federal	Federal	OW	APD
11/25/2014	4301950068	8-2-26-20	260S	200E	8	GRAND	UT	Federal	Federal	OW	APD
12/19/2014	4301950069	Cane Creek Unit 19-3-26-20	260S	200E	19	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950070	Cane Creek Unit 21-1-25-19	250S	190E	21	GRAND	UT	Federal	Federal	OW	APD
1/13/2015	4301950071	Cane Creek Unit 12-2-26-19	260S	190E	12	GRAND	UT	Federal	Federal	OW	APD
1/13/2015	4301950072	Cane Creek Unit 26-4-25-19	250S	190E	26	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950073	Cane Creek Unit 21-1-25-18	250S	180E	21	GRAND	UT	Federal	Federal	OW	APD
1/20/2015	4301950074	Cane Creek Unit 9-1-25-18	250S	180E	9	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950075	Cane Creek Unit 7-1-25-19	250S	190E	7	GRAND	UT	Federal	Federal	OW	APD
1/20/2015	4301950076	Cane Creek Unit 5-2-25-18	250S	180E	5	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950077	Cane Creek Unit 7-1-25-18	250S	180E	7	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950078	Cane Creek Unit 13-1-25-18	250S	180E	13	GRAND	UT	Federal	Federal	OW	APD
7/8/2014	4303750070	Three Mile Unti 12-3-29-21	290S	210E	12	SAN JUAN	UT	Federal	Federal	OW	APD
10/2/2014	4303750071	Three Mile Unit 16-2-29-22	290S	220E	16	SAN JUAN	UT	Federal	State	OW	APD
12/16/2014	4301950036	Cane Creek Unit 2-1-25-18 H2	25S	18E	2	GRAND	UT	Federal	State	OW	APD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Blue Hills Gas Plant</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-90108
2. NAME OF OPERATOR: Fidelity Exploration & Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1801 California St., STE 250 CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 893-3133		8. WELL NAME and NUMBER: Blue Hills Gas Plant
4. LOCATION OF WELL FOOTAGES AT SURFACE:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: <u>Grand</u>		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>3/1/2016</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective March 1, 2016, Fidelity Exploration & Production Company (Operator Number N1355) resigns as Operator of the Blue Hills Gas Plant located in T23S-R19E, Sections 20, 29. Wesco Operating, Inc. has been named as successor Operator.

Wesco Operating, Inc.
P.O Box 1650
Casper, Wyoming 82602
Phone 307-265-5178

Fidelity Exploration & Production Company
1801 California Street, Suite 2500
Denver, Colorado 80202
Phone 303-893-3133

Wesco Operating, Inc.
Robert W. Kirkwood, President

Signature Robert W. Kirkwood

NAME (PLEASE PRINT) <u>Darwin Subart</u>	TITLE <u>Chief Financial Officer</u>
SIGNATURE <u>Darwin Subart</u>	DATE <u>4/4/2016</u>

(This space for State use only)

APPROVED

APR 21 2016

DIV. OIL GAS & MINING
BY: Rachael Medina

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Compressor Booster Station</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: <u>Fidelity Exploration & Production Company</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: <u>1801 California St., STE 250</u> CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: <u>(303) 893-3133</u>		8. WELL NAME and NUMBER: <u>Dubinky Booster Station</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: <u>Grand</u>		
STATE: <u>UTAH</u>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>3/1/2016</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	


12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

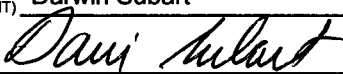
Effective March 1, 2016, Fidelity Exploration & Production Company (Operator Number N1355) resigns as Operator of the Dubinky Booster Station located along Dubinky Road, approximately 18 miles northwest of Moab, 599142 E 4280872 N UTM Zone 12, NAD83. Wesco Operating, Inc. has been named as successor Operator.

Wesco Operating, Inc.
P.O. Box 1650
Casper, Wyoming 82602
Phone 307-265-5178

Fidelity Exploration & Production Company
1801 California Street, Suite 2500
Denver, Colorado 80202
Phone 303-893-3133

Wesco Operating, Inc.
Robert W. Kirkwood, President

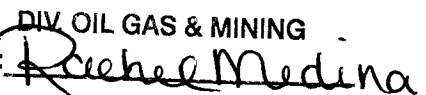

Signature

NAME (PLEASE PRINT) <u>Darwin Subart</u>	TITLE <u>Chief Financial Officer</u>
SIGNATURE 	DATE <u>4/4/2016</u>

(This space for State use only)

APPROVED

APR 21 2016

DIV OIL GAS & MINING
BY: 

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

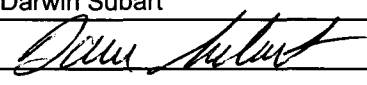
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT


Well Name and Number Kane Springs 16-1	API Number 4301931341
Location of Well Footage : 960' FSL 1960' FWL County : Grand QQ, Section, Township, Range: SESW 16 25 18 State : UTAH	Field or Unit Name Cane Creek Lease Designation and Number ML-44333

EFFECTIVE DATE OF TRANSFER: 3/1/2016

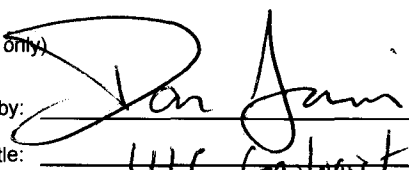
CURRENT OPERATOR

Company: <u>Fidelity Exploration & Production Company</u>	Name: <u>Darwin Subart</u>
Address: <u>1801 California Street, Suite 2500</u>	Signature: <u></u>
city <u>Denver</u> state <u>CO</u> zip <u>80202</u>	Title: <u>Chief Financial Officer</u>
Phone: <u>(303) 893-3133</u>	Date: <u>4/4/2016</u>
Comments:	

NEW OPERATOR

Company: <u>Wesco Operating, Inc.</u>	Name: <u>Robert W. Kirkwood</u>
Address: <u>P.O. Box 1650</u>	Signature: <u></u>
city <u>Casper</u> state <u>WY</u> zip <u>82602</u>	Title: <u>President</u>
Phone: <u>(307) 265-5178</u>	Date: <u>4/7/16</u>
Comments:	

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Transfer approved by: 
Title: UIC Geologist

Approval Date: 4/13/16

Comments: